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**Product Approval**  
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|                                                                        |                                                                                                                                                                     |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FL #                                                                   | FL3443-R47                                                                                                                                                          |
| Application Type                                                       | Revision                                                                                                                                                            |
| Code Version                                                           | 2023                                                                                                                                                                |
| Application Status                                                     | Approved                                                                                                                                                            |
| Comments                                                               |                                                                                                                                                                     |
| Archived                                                               | <input type="checkbox"/>                                                                                                                                            |
| Product Manufacturer                                                   | GAF                                                                                                                                                                 |
| Address/Phone/Email                                                    | 1 Campus Drive<br>Parisppany, NJ 07054<br>(800) 766-3411<br>mstieh@gaf.com                                                                                          |
| Authorized Signature                                                   | Robert Nieminen<br>lireith@nemoetc.com                                                                                                                              |
| Technical Representative                                               | William Broussard                                                                                                                                                   |
| Address/Phone/Email                                                    | 1 Campus Drive<br>Parsippany, NJ 07054<br>(800) 766-3411<br>TechnicalQuestionsGAF@gaf.com                                                                           |
| Quality Assurance Representative                                       |                                                                                                                                                                     |
| Address/Phone/Email                                                    |                                                                                                                                                                     |
| Category                                                               | Roofing                                                                                                                                                             |
| Subcategory                                                            | Single Ply Roof Systems                                                                                                                                             |
| Compliance Method                                                      | Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer<br><input type="checkbox"/> Evaluation Report - Hardcopy Received |
| Florida Engineer or Architect Name who developed the Evaluation Report | Robert Nieminen                                                                                                                                                     |
| Florida License                                                        | PE-59166                                                                                                                                                            |
| Quality Assurance Entity                                               | UL LLC                                                                                                                                                              |
| Quality Assurance Contract Expiration Date                             | 07/12/2025                                                                                                                                                          |
| Validated By                                                           | John W. Knezevich, PE<br><input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received                                                               |
| Certificate of Independence                                            | <a href="#">FL3443_R47_COI_2023_07_COI_NIEMINEN.pdf</a>                                                                                                             |

Referenced Standard and Year (of Standard)

| <b>Standard</b> | <b>Year</b> |
|-----------------|-------------|
| ASTM D2178      | 2015        |
| ASTM D4434      | 2015        |
| ASTM D4601      | 2012        |
| ASTM D4897      | 2016        |
| ASTM D6163      | 2016        |
| ASTM D6164      | 2016        |
| ASTM D6222      | 2016        |
| ASTM G154       | 2016        |
| FM 4470         | 2016        |

Equivalence of Product Standards  
Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

08/07/2023

Date Validated

08/08/2023

Date Pending FBC Approval

08/12/2023

Date Approved

10/17/2023

### Summary of Products

| FL #                                                                                                                                                                                                                                                                                                                                                                                                          | Model, Number or Name                                 | Description                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3443.1                                                                                                                                                                                                                                                                                                                                                                                                        | GAF EverGuard PVC and PVC/KEE Roof Systems (HVHZ)     | Internally reinforced, PVC and PVC/KEE thermoplastic roof systems for use in FBC HVHZ jurisdictions.                                                                                                                                                                                                                                                                              |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> No<br><b>Impact Resistant:</b> N/A<br><b>Design Pressure:</b> +N/A/-502.5<br><b>Other:</b> 1.) The design pressure noted in this application pertains to one specific assembly. Refer to the PEER Appendix for all systems and maximum design pressures. 2.) Refer to PEER Section 5 for Limits of Use. |                                                       | <b>Installation Instructions</b><br><a href="#">FL3443_R47_II_2023_08_07_FINAL_A1_PEER-GAF-008.B_HVHZ_FL3443-R47.pdf</a><br>Verified By: Robert Nieminen PE-59166<br>Created by Independent Third Party: Yes<br><b>Evaluation Reports</b><br><a href="#">FL3443_R47_AE_2023_08_07_FINAL_PEER-GAF-008.B_HVHZ_FL3443-R47.pdf</a><br>Created by Independent Third Party: Yes         |
| 3443.2                                                                                                                                                                                                                                                                                                                                                                                                        | GAF EverGuard PVC and PVC/KEE Roof Systems (NON-HVHZ) | Internally reinforced, PVC and PVC/KEE thermoplastic roof systems for use in FBC non-HVHZ jurisdictions.                                                                                                                                                                                                                                                                          |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> No<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> N/A<br><b>Design Pressure:</b> +N/A/-502.5<br><b>Other:</b> 1.) The design pressure noted in this application pertains to one specific assembly. Refer to the PEER Appendix for all systems and maximum design pressures. 2.) Refer to PEER Section 5 for Limits of Use. |                                                       | <b>Installation Instructions</b><br><a href="#">FL3443_R47_II_2023_08_07_FINAL_A1_PEER-GAF-008.A_NON-HVHZ_FL3443-R47.pdf</a><br>Verified By: Robert Nieminen PE-59166<br>Created by Independent Third Party: Yes<br><b>Evaluation Reports</b><br><a href="#">FL3443_R47_AE_2023_08_07_FINAL_PEER-GAF-008.A_NON-HVHZ_FL3443-R47.pdf</a><br>Created by Independent Third Party: Yes |

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#### Product Approval Accepts:





**NEMO|etc.**

Certificate of Authorization #32455  
353 Christian Street, Unit #13  
Oxford, CT 06478  
(203) 262-9245

ENGINEER

EVALUATE

TEST

CONSULT

**P.E. EVALUATION REPORT (PEER)**

**GAF**

1 Campus Drive  
Parsippany, NJ 07054  
(800) 766-3411

**PEER-GAF-008.B.R36**

**FL3443-R47 (HVHZ)**

**Date of Issuance: 12/19/2013**

**Revision 36: 08/07/2023**

**SCOPE:**

This P.E. Evaluation Report (henceforth 'PEER') is issued under **F.A.C. Rule 61G20-3** and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The product described herein has been evaluated for compliance with the **8<sup>th</sup> Edition (2023) Florida Building Code, High Velocity Hurricane Zone (HVHZ)** [sections noted herein](#).

**DESCRIPTION: GAF EverGuard PVC and PVC/KEE Roof Systems (HVHZ)**

**LABELING:** Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

**CONTINUED COMPLIANCE:** This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.

**ADVERTISEMENT:** The Florida Product Approval Number (FL#) preceded by the words "Nemo P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be done in its entirety.

**INSPECTION:** Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 5, plus a 170-page Appendix.

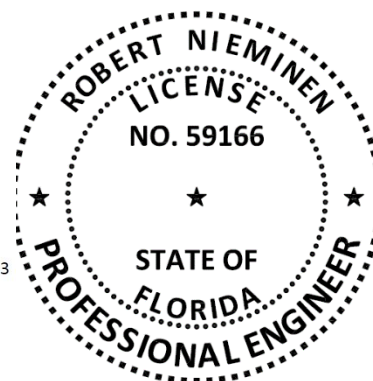
**Prepared by:** Digitally signed

by Robert  
Nieminen

Date: 2023.08.07

'16:36:48 -04'00

This item has been digitally signed and sealed by Robert Nieminen, P.E.  
Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.  
Robert Nieminen, Florida P.E. 59166, FBC ANE1983  
NEMO ETC, LLC, Florida CA #32455



**CERTIFICATION OF INDEPENDENCE:**

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the PEERs are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

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## ROOFING SYSTEMS EVALUATION:

### 1. SCOPE:

**Product Category:** Roofing  
**Sub-Category:** Single Ply Roof Systems  
**Product Approval Method:** Method 1, Option D: Codified Material, Evaluation by Engineer  
**Compliance Statement:** **GAF EverGuard PVC and PVC/KEE Roof Systems**, as produced by **GAF**, have demonstrated compliance with the following sections of the **8<sup>th</sup> Edition (2023) Florida Building Code, High Velocity Hurricane Zone (HVHZ)** through testing in accordance with the following Standards. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

### 2. STANDARDS:

| SECTION | PROPERTY                      | STANDARD                    | YEAR |
|---------|-------------------------------|-----------------------------|------|
| TAS 110 | Resistance to Foot Traffic    | TAS 114, Section 8.9        | 2011 |
| TAS 110 | Wind resistance               | TAS 114, Appendix C, D or J | 2011 |
| TAS 110 | Susceptibility to Hail Damage | TAS 114, Appendix F         | 2011 |
| TAS 110 | Susceptibility to Leakage     | TAS 114, Appendix G         | 2011 |
| TAS 110 | Material standard             | ASTM D2178                  | 2015 |
| TAS 110 | Material standard             | ASTM D4601                  | 2012 |
| TAS 110 | Material standard             | ASTM D4897                  | 2016 |
| TAS 110 | Material standard             | ASTM D6163                  | 2016 |
| TAS 110 | Material standard             | ASTM D6164                  | 2016 |
| TAS 110 | Material standard             | ASTM D6222                  | 2016 |
| TAS 110 | Physical Properties           | ASTM D4434                  | 2015 |

### 3. REFERENCES:

| ENTITY         | EXAM            | REFERENCE               | DATE     | ENTITY       | EXAM    | REFERENCE    | DATE     |
|----------------|-----------------|-------------------------|----------|--------------|---------|--------------|----------|
| NEMO (TST6049) | ASTM D4434 (UT) | 4S-GAF-18-003.12.18-1   | 12/04/18 | FM (TST1867) | FM 4474 | 3061218 LTR  | 05/16/17 |
| NEMO (TST6049) | ASTM D4434 (UT) | 4S-GAF-18-003.12.18-2   | 12/04/18 | FM (TST1867) | FM 4474 | RR209927     | 06/23/17 |
| NEMO (TST6049) | ASTM D4434 (NJ) | 4r-FMI-20-SSTHP-01.A    | 12/10/21 | FM (TST1867) | FM 4474 | RR210305     | 07/13/17 |
| NEMO (TST6049) | Various PPT     | 4j-GAF-21-SSUDL-01.A-R2 | 12/16/21 | FM (TST1867) | FM 4474 | RR212730     | 04/05/18 |
| NEMO (TST6049) | ASTM D4434 (NJ) | 4r-FMI-20-SSTHP-01.B    | 08/01/22 | FM (TST1867) | FM 4474 | 3056933      | 07/19/18 |
| NEMO           | PEER            | PEER-GAF-007.A&B        | 08/06/23 | FM (TST1867) | FM 4474 | PR449764     | 07/25/18 |
| ACRC (TST4671) | TAS 114         | 06-047                  | 12/21/06 | FM (TST1867) | FM 4474 | 3061784      | 07/25/18 |
| ACRC (TST4671) | TAS 114         | 07-001                  | 01/12/07 | FM (TST1867) | FM 4474 | 3055904      | 10/25/18 |
| ACRC (TST4671) | TAS 114         | 07-002                  | 01/12/07 | FM (TST1867) | FM 4474 | RR215191-267 | 11/07/18 |
| ACRC (TST4671) | TAS 114         | 07-007                  | 01/19/07 | FM (TST1867) | FM 4474 | RR215193-267 | 11/08/18 |
| ACRC (TST4671) | TAS 114         | 07-029                  | 03/08/07 | FM (TST1867) | FM 4474 | PR450261     | 10/22/19 |
| ACRC (TST4671) | TAS 114         | 07-031                  | 05/09/07 | FM (TST1867) | FM 4474 | PR452971-R1  | 01/28/20 |
| ACRC (TST4671) | TAS 114         | 08-031                  | 05/05/08 | FM (TST1867) | FM 4474 | PR453353     | 01/31/20 |
| ACRC (TST4671) | TAS 114         | 11-057                  | 09/30/11 | FM (TST1867) | FM 4474 | PR452423     | 02/06/20 |
| ACRC (TST4671) | TAS 114         | 11-058                  | 10/03/11 | FM (TST1867) | FM 4474 | PR455468     | 07/01/20 |
| ACRC (TST4671) | TAS 114         | 11-059                  | 10/04/11 | FM (TST1867) | FM 4474 | PR455417     | 12/23/20 |
| ACRC (TST4671) | TAS 114         | 11-060                  | 10/05/11 | FM (TST1867) | FM 4474 | RR227079     | 03/10/21 |
| ACRC (TST4671) | TAS 114         | 11-061                  | 10/06/11 | FM (TST1867) | FM 4474 | Traceability | 03/24/21 |
| ACRC (TST4671) | TAS 114         | 11-062                  | 10/07/11 | FM (TST1867) | FM 4470 | RR227768-267 | 04/09/21 |
| ACRC (TST4671) | TAS 114         | 11-063                  | 10/08/11 | FM (TST1867) | FM 4474 | PR457312     | 04/20/21 |
| ACRC (TST4671) | TAS 114         | 11-066                  | 11/21/11 | FM (TST1867) | FM 4470 | PR459831     | 04/21/21 |
| ACRC (TST4671) | TAS 114         | 12-005                  | 04/09/12 | FM (TST1867) | FM 4474 | PR456101     | 06/24/21 |
| ACRC (TST4671) | TAS 114         | 12-006                  | 04/09/12 | FM (TST1867) | FM 4474 | PR460786     | 08/30/21 |
| ACRC (TST4671) | TAS 114         | 12-007                  | 04/10/12 | FM (TST1867) | FM 4474 | PR460560     | 09/22/21 |
| ACRC (TST4671) | TAS 114         | 12-009                  | 04/20/12 | FM (TST1867) | FM 4474 | PR461047     | 10/25/21 |
| ACRC (TST4671) | TAS 114         | 12-010                  | 04/20/12 | FM (TST1867) | FM 4474 | RR232145-267 | 03/21/22 |
| ACRC (TST4671) | TAS 114         | 12-011                  | 04/20/12 | FM (TST1867) | FM 4474 | PR450629     | 04/13/22 |
| ACRC (TST4671) | TAS 114         | 12-021                  | 04/26/12 | FM (TST1867) | FM 4474 | RR232513-267 | 04/22/22 |
| ACRC (TST4671) | TAS 114         | 12-022                  | 04/26/12 | FM (TST1867) | FM 4474 | PR460889     | 08/01/22 |
| ACRC (TST4671) | TAS 114         | 12-017                  | 05/07/12 | FM (TST1867) | FM 4474 | PR460126     | 09/20/22 |
| ACRC (TST4671) | TAS 114         | 12-020                  | 05/08/12 | FM (TST1867) | FM 4474 | PR463035     | 11/10/22 |
| ACRC (TST4671) | TAS 114         | 12-027                  | 05/22/12 | FM (TST1867) | FM 4474 | PR461460     | 11/15/22 |
| ACRC (TST4671) | TAS 114         | 12-028                  | 05/22/12 | FM (TST1867) | FM 4474 | RR235368-267 | 12/19/22 |
| ACRC (TST4671) | TAS 114         | 12-032                  | 08/23/12 | FM (TST1867) | FM 4474 | PR464081     | 02/20/23 |
| ACRC (TST4671) | TAS 114         | 11-015-R1               | 08/29/12 | FM (TST1867) | FM 4474 |              |          |

| ENTITY         | EXAM    | REFERENCE           | DATE     | ENTITY         | EXAM        | REFERENCE             | DATE     |
|----------------|---------|---------------------|----------|----------------|-------------|-----------------------|----------|
| ACRC (TST4671) | TAS 114 | 11-018-R1           | 08/29/12 | FM (TST1867)   | FM 4474     | RR236601-267          | 03/30/23 |
| ACRC (TST4671) | TAS 114 | 11-022-R1           | 08/29/12 | IRT (TST5296)  | TAS 114     | 04-006                | 02/16/04 |
| ACRC (TST4671) | TAS 114 | 16-002              | 03/04/16 | NEMO (TST6049) | TAS 114     | 4L-CEL-18-001.12.18-2 | 07/10/19 |
| ACRC (TST4671) | TAS 114 | 21-014              | 08/16/21 | PRI (TST5878)  | TAS 114     | GAF-462-02-01         | 11/15/13 |
| ACRC (TST4671) | TAS 114 | 21-018              | 08/17/21 | PRI (TST5878)  | TAS 114     | GAF-462-02-02         | 11/18/13 |
| ACRC (TST4671) | TAS 114 | 23-012              | 06/16/23 | PRI (TST5878)  | TAS 114     | GAF-462-02-03         | 11/18/13 |
| ATI (TST1558)  | TAS 114 | H-3320.01-109-44    | 08/10/17 | PRI (TST5878)  | TAS 114     | GAF-462-02-04         | 11/18/13 |
| ATI (TST1558)  | TAS 114 | H-3314.01-109-44    | 08/14/17 | PRI (TST5878)  | TAS 114     | GAF-457-02-02         | 01/20/14 |
| ATI (TST1558)  | TAS 114 | H-3315.01-109-44    | 08/14/17 | PRI (TST5878)  | TAS 114     | GAF-457-02-04         | 01/24/14 |
| ATI (TST1558)  | TAS 114 | H-3317.01-109-44    | 08/14/17 | PRI (TST5878)  | TAS 114     | GAF-457-02-06         | 01/24/14 |
| ATI (TST1558)  | TAS 114 | H-3318.01-109-44    | 08/14/17 | PRI (TST5878)  | TAS 114     | GAF-457-02-07         | 01/24/14 |
| ATI (TST1558)  | TAS 114 | H8498.01-109-18     | 03/27/18 | PRI (TST5878)  | TAS 114     | GAF-457-02-08         | 01/24/14 |
| ATI (TST1558)  | TAS 114 | H7234.01-109-18     | 05/01/18 | PRI (TST5878)  | TAS 114     | GAF-435-02-01         | 01/29/14 |
| ERD (TST6049)  | TAS 114 | P6860.06.07-R1      | 09/10/09 | PRI (TST5878)  | TAS 114     | GAF-435-02-11         | 01/29/14 |
| ERD (TST6049)  | TAS 114 | 02762.03.05-R2      | 04/01/10 | PRI (TST5878)  | TAS 114     | GAF-510-02-02         | 04/08/14 |
| ERD (TST6049)  | TAS 114 | GAF-SC8580.14       | 03/25/15 | PRI (TST5878)  | TAS 114     | GAF-515-02-01         | 05/13/14 |
| ERD (TST6049)  | TAS 114 | GAF-SC8580.14       | 07/20/15 | PRI (TST5878)  | TAS 114     | GAF-515-02-03         | 05/13/14 |
| ERD (TST6049)  | TAS 114 | GAF-SC16825.12.17-1 | 12/31/17 | PRI (TST5878)  | TAS 114     | GAF-516-02-03         | 05/13/14 |
| FET (TST7393)  | TAS 114 | 08-050182           | 06/26/08 | PRI (TST5878)  | TAS 114     | GAF-525-02-02         | 06/23/14 |
| FM (TST1867)   | FM 4470 | 3003956             | 02/18/00 | PRI (TST5878)  | TAS 114     | GAF-525-02-03         | 06/23/14 |
| FM (TST1867)   | FM 4470 | 3003955             | 03/05/02 | PRI (TST5878)  | TAS 114     | GAF-462-02-07         | 07/01/14 |
| FM (TST1867)   | FM 4470 | 3014692             | 08/05/03 | PRI (TST5878)  | TAS 114     | GAF-462-02-08         | 07/01/14 |
| FM (TST1867)   | FM 4474 | 3024709             | 10/21/05 | PRI (TST5878)  | TAS 114     | GAF-462-02-09         | 07/01/14 |
| FM (TST1867)   | FM 4474 | 3023368             | 03/20/06 | PRI (TST5878)  | TAS 114     | GAF-462-02-10         | 07/01/14 |
| FM (TST1867)   | FM 4474 | 3028606             | 02/23/07 | PRI (TST5878)  | TAS 114     | GAF-462-02-11         | 07/01/14 |
| FM (TST1867)   | FM 4474 | 3026964             | 07/25/07 | PRI (TST5878)  | TAS 114     | GAF-538-02-03         | 08/13/14 |
| FM (TST1867)   | FM 4474 | 3031127             | 10/01/07 | PRI (TST5878)  | TAS 114     | GAF-653-02-01         | 11/11/16 |
| FM (TST1867)   | FM 4474 | 3033126             | 07/11/08 | PRI (TST5878)  | TAS 114     | GAF-653-02-04         | 11/11/16 |
| FM (TST1867)   | FM 4474 | 3034394             | 02/27/09 | PRI (TST5878)  | TAS 114     | GAF-746-02-01         | 12/14/16 |
| FM (TST1867)   | FM 4470 | 3037525             | 09/25/09 | PRI (TST5878)  | TAS 114     | GAF-746-02-02         | 12/14/16 |
| FM (TST1867)   | FM 4474 | 3037879             | 02/04/10 | PRI (TST5878)  | TAS 114     | GAF-746-02-05         | 12/14/16 |
| FM (TST1867)   | FM 4470 | 3040234             | 02/23/11 | PRI (TST5878)  | TAS 114     | GAF-746-02-06         | 12/14/16 |
| FM (TST1867)   | FM 4474 | 3041746             | 08/17/11 | PRI (TST5878)  | TAS 114     | GAF-755-02-01         | 02/02/17 |
| FM (TST1867)   | FM 4474 | 797-07043-267       | 01/16/12 | PRI (TST5878)  | TAS 114     | GAF-755-02-02         | 02/02/17 |
| FM (TST1867)   | FM 4474 | 3044862             | 05/11/12 | PRI (TST5878)  | TAS 114     | GAF-755-02-03         | 02/02/17 |
| FM (TST1867)   | FM 4474 | 3044914             | 06/18/12 | PRI (TST5878)  | TAS 114     | GAF-755-02-04         | 02/02/17 |
| FM (TST1867)   | FM 4474 | 3045789             | 07/12/12 | PRI (TST5878)  | TAS 114     | GAF-756-02-01         | 02/28/17 |
| FM (TST1867)   | FM 4474 | 3046328             | 09/13/12 | PRI (TST5878)  | TAS 114     | GAF-756-02-02         | 02/28/17 |
| FM (TST1867)   | FM 4474 | 3041769             | 09/27/12 | PRI (TST5878)  | TAS 114     | GAF-782-02-02         | 08/30/17 |
| FM (TST1867)   | FM 4474 | 3046403             | 09/28/12 | PRI (TST5878)  | TAS 114     | GAF-776-02-02         | 10/04/17 |
| FM (TST1867)   | FM 4474 | 797-07886-267       | 11/21/12 | PRI (TST5878)  | Criticality | GAF-793-02-01         | 12/08/17 |
| FM (TST1867)   | FM 4474 | 797-07849-267       | 12/03/12 | PRI (TST5878)  | TAS 114     | GAF-793-02-02         | 12/08/17 |
| FM (TST1867)   | FM 4474 | 3046054             | 12/21/12 | PRI (TST5878)  | TAS 114     | GAF-793-02-04         | 12/08/17 |
| FM (TST1867)   | FM 4474 | 3047606             | 02/26/13 | PRI (TST5878)  | TAS 114     | GAF-834-02-01         | 02/28/18 |
| FM (TST1867)   | FM 4474 | 3048122             | 04/29/13 | PRI (TST5878)  | TAS 114     | GAF-833-02-01         | 03/02/18 |
| FM (TST1867)   | FM 4474 | 797-08217-267       | 05/01/13 | PRI (TST5878)  | TAS 114     | GAF-833-02-02         | 03/02/18 |
| FM (TST1867)   | FM 4474 | 3047237             | 07/15/13 | PRI (TST5878)  | TAS 114     | GAF-902-02-02         | 02/27/19 |
| FM (TST1867)   | FM 4474 | 3047636             | 08/08/13 | PRI (TST5878)  | TAS 114     | GAF-926-02-01         | 07/17/19 |
| FM (TST1867)   | FM 4474 | 797-08873-267       | 11/26/13 | PRI (TST5878)  | TAS 114     | 376T0016              | 08/09/19 |
| FM (TST1867)   | FM 4474 | 3048066             | 12/13/13 | PRI (TST5878)  | Criticality | 376T0006-1            | 09/06/19 |
| FM (TST1867)   | FM 4474 | 797-09116-267       | 01/24/14 | PRI (TST5878)  | Criticality | 376T0006-2            | 09/06/19 |
| FM (TST1867)   | FM 4474 | 797-09495-267       | 05/27/14 | PRI (TST5878)  | Criticality | 376T0006-3            | 09/06/19 |
| FM (TST1867)   | FM 4474 | 797-09594-267       | 06/24/14 | PRI (TST5878)  | TAS 114     | 376T0025              | 09/06/19 |
| FM (TST1867)   | FM 4474 | 797-09892-267       | 08/12/14 | PRI (TST5878)  | TAS 114     | 376T0026              | 09/06/19 |
| FM (TST1867)   | FM 4474 | 3054498             | 11/30/15 | PRI (TST5878)  | TAS 114     | 376T0043              | 12/04/19 |
| FM (TST1867)   | FM 4474 | RR205474            | 08/31/16 | PRI (TST5878)  | TAS 114     | 376T0167              | 06/07/21 |
| FM (TST1867)   | FM 4474 | RR206353            | 09/07/16 | PRI (TST5878)  | Criticality | 376T0168              | 06/07/21 |
| FM (TST1867)   | FM 4474 | 3056728             | 11/09/16 | PRI (TST5878)  | TAS 114     | 376T0183              | 09/13/21 |
| FM (TST1867)   | FM 4474 | 3056822             | 11/14/16 | PRI (TST5878)  | TAS 114     | 376T0186              | 09/13/21 |
| FM (TST1867)   | FM 4474 | 3055491             | 12/05/16 | PRI (TST5878)  | TAS 114     | 410T0026              | 12/15/21 |
| FM (TST1867)   | FM 4474 | 3058483             | 12/09/16 | PRI (TST5878)  | TAS 114     | 376T0313              | 07/19/22 |
| FM (TST1867)   | FM 4474 | RR208456            | 02/13/17 | PRI (TST5878)  | TAS 114     | 376T0314              | 07/19/22 |
| FM (TST1867)   | FM 4474 | 3061218             | 05/10/17 | UL (QUA9625)   | QC          | Service Confirmation  | 07/12/22 |
|                |         |                     |          | UL (QUA9625)   | QC          | Florida BCIS          | Current  |

#### 4. PRODUCT DESCRIPTION:

This PEER covers **GAF EverGuard PVC and PVC/KEE Roof Systems** installed in accordance with **GAF** published installation instructions and the [Limitations of Use](#) herein.

| TABLE 1: EVALUATED MEMBRANES        |                                                  |                |                   |      |       |              |
|-------------------------------------|--------------------------------------------------|----------------|-------------------|------|-------|--------------|
| TYPE                                | PRODUCT                                          |                | MATERIAL STANDARD |      |       | PLANT(s)     |
|                                     |                                                  |                | REFERENCE         | TYPE | GRADE |              |
| ROOF COVER OR CAP PLY               | EverGuard® PVC                                   | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | UT           |
|                                     | EverGuard® PVC Smooth                            | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | NJ           |
|                                     | EverGuard® PVC KEE                               | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | UT           |
|                                     | EverGuard® PVC XK                                | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | NJ           |
|                                     | EverGuard® PVC Fleeceback                        | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | UT           |
|                                     | EverGuard® PVC KEE Fleeceback                    | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | UT           |
|                                     | EverGuard® PVC XK Fleeceback                     | 60, 80-mil     | ASTM D4434        | III  | N/A   | NJ           |
| BASE SHEETS                         | GAFGLAS® #75 Base Sheet                          |                | ASTM D4601        | II   | N/A   | CA-F, AL, GA |
|                                     | Tri-Ply® #75 Base Sheet                          |                | ASTM D4601        | II   | N/A   | CA-F, AL, GA |
|                                     | GAFGLAS® #80 Ultima™ Base Sheet                  |                | ASTM D4601        | II   | N/A   | AL, GA       |
|                                     | GAFGLAS® Stratavent® Nailable Venting Base Sheet |                | ASTM D4897        | II   | N/A   | AL, GA       |
| BASE PLY OR VAPOR BARRIER MEMBRANES | GAFGLAS® Ply 4                                   |                | ASTM D2178        | IV   | N/A   | CA-F, GA     |
|                                     | GAFGLAS® Ply 4 M                                 |                | ASTM D2178        | IV   | N/A   | AL           |
|                                     | GAFGLAS® FlexPly™ 6                              |                | ASTM D2178        | VI   | N/A   | GA           |
|                                     | GAFGLAS® FlexPly™ 6 M                            |                | ASTM D2178        | VI   | N/A   | AL           |
|                                     | Ruberoid® 20 Smooth                              |                | ASTM D6163        | I    | S     | AR           |
|                                     | Ruberoid® HW 25 Smooth                           |                | ASTM D6163        | I    | S     | GA           |
|                                     | Ruberoid® 30 Granule                             |                | ASTM D6163        | I    | G     | GA           |
|                                     | Ruberoid® HW Smooth                              |                | ASTM D6164        | I    | S     | GA           |
|                                     | Ruberoid® Mop Smooth                             |                | ASTM D6164        | I    | S     | GA           |
|                                     | Ruberoid® Mop Smooth 1.5                         |                | ASTM D6164        | I    | S     | GA           |
|                                     | Liberty™ SBS Self-Adhering Cap Sheet             |                | ASTM D6164        | I    | G     | AR, GA, IN   |
|                                     | Ruberoid® Torch Smooth                           |                | ASTM D6222        | I    | S     | CA-S, GA, IN |
|                                     | Ruberoid® Torch Granule                          |                | ASTM D6222        | I    | G     | CA-S, GA, IN |

#### 5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER is exclusively for use in High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).
- 5.3 The evaluation herein pertains to above-deck roof components; deck-attachment details pertain to 'as-tested' conditions under [Testing Application Standard TAS 114, Appendix J](#). Roof decks shall be in accordance with **FBC HVHZ** requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This PEER does not include evaluation of fire classification. Refer to **FBC HVHZ 1516** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.



- 5.5 This PEER does not include evaluation of roof edge termination. Refer to [Roofing Application Standard RAS 111](#) for requirements and limitations regarding edge securement for low-slope roofs.
- 5.6 Refer to **FBC HVHZ 1521** for requirements and limitations regarding recover installations.
- 5.6.1 For mechanically attached components over existing roof decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with [Testing Application Standard TAS 105](#).
- 5.6.2 For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with [Testing Application Standard TAS 124](#) shall be conducted on mock-ups of the proposed new roof assembly.
- 5.6.3 For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with [Testing Application Standard TAS 124](#).
- 5.7 Refer to Appendix 1 for system attachment requirements for wind load resistance.
- 5.7.1 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per [Testing Application Standard TAS 114](#) has already been applied). Refer to **FBC HVHZ 1620** and [Roofing Application Standard RAS 128](#) for determination of design wind loads.
- 5.7.2 For mechanically attached components, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with **FBC HVHZ 1620** or [Roofing Application Standard RAS 128](#). Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Analysis shall be in accordance with [Roofing Application Standard RAS 117](#) or **RAS 137**. *\*This extrapolation is not permitted for systems marked with an asterisk\*.*
- 5.7.3 For tables and/or assemblies marked with an asterisk\*, the maximum design pressure (MDP) limitation shall be applicable to all roof pressure zones. Rational analysis is not permitted.
- 5.8 All components in the roof assembly shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3**. Refer to the Product Approval of the component manufacturer for components listed in Appendix 1 that are produced by a Product Manufacturer other than the report holder on Page 1 of this PEER.

## 6. INSTALLATION:

**GAF EverGuard PVC and PVC/KEE Roof Systems** shall be installed in accordance with **GAF** published installation instructions, subject to the [Limitations of Use](#) noted herein.

## 7. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

## 8. MANUFACTURING PLANTS:

Contact the named QA entity for manufacturing facilities covered by **F.A.C. Rule 61G20-3** QA requirements. Refer to [Section 4](#) herein for products and production locations having met codified material standards.

## 9. QUALITY ASSURANCE ENTITY:

[UL, LLC – QUA9625](#): (360) 817-5512; [bsai.inspections@ul.com](mailto:bsai.inspections@ul.com)

**- THE 170-PAGES THAT FOLLOW FORM PART OF THIS PEER -**

**APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE**

| TABLE                 | DECK                                                                                                       | APPLICATION                       | TYPE | DESCRIPTION                                                                                                     | PAGE |
|-----------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------|------|-----------------------------------------------------------------------------------------------------------------|------|
| <a href="#">1A</a>    | Wood                                                                                                       | New, Reroof (Tear-Off) or Recover | B-1  | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover                                 | 7    |
| <a href="#">1B</a>    | Wood                                                                                                       | New, Reroof (Tear-Off) or Recover | C-1  | Mechanically Attached Insulation, Bonded Roof Cover                                                             | 7    |
| <a href="#">1C</a>    | Wood                                                                                                       | New, Reroof (Tear-Off) or Recover | C-2  | Induction Welded Roof Cover                                                                                     | 8    |
| <a href="#">1D</a>    | Wood                                                                                                       | New, Reroof (Tear-Off) or Recover | D-1  | Mechanically Attached Roof Cover                                                                                | 9    |
| <a href="#">1E</a>    | Wood                                                                                                       | New or Reroof (Tear Off)          | E-2  | Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover                                              | 9    |
| <a href="#">2A</a>    | Steel                                                                                                      | New or Reroof (Tear-Off)          | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 10   |
| <a href="#">2B</a>    | Steel or Structural Concrete                                                                               | New, Reroof (Tear-Off) or Recover | B-1  | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover                                 | 10   |
| <a href="#">2C</a>    | Steel or Structural Concrete                                                                               | New, Reroof (Tear-Off) or Recover | B-1  | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Base Ply, Bonded Cap Ply                   | 30   |
| <a href="#">2D</a>    | Steel                                                                                                      | New, Reroof (Tear-Off) or Recover | B-2  | Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover               | 35   |
| <a href="#">2E</a>    | Steel                                                                                                      | New, Reroof (Tear-Off) or Recover | B-2  | Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Base Ply, Bonded Cap Ply | 47   |
| <a href="#">2F</a>    | Steel or Structural Concrete                                                                               | New, Reroof (Tear-Off) or Recover | C-1  | Mechanically Attached Insulation, Bonded Roof Cover                                                             | 49   |
| <a href="#">2G</a>    | Steel or Structural Concrete                                                                               | New, Reroof (Tear-Off) or Recover | C-1  | Mechanically Attached Insulation, Bonded Base Ply, Bonded Cap Ply                                               | 73   |
| <a href="#">2H</a>    | Steel or Structural Concrete                                                                               | New, Reroof (Tear-Off) or Recover | C-1A | Thermal Barrier with Vapor Barrier, Mechanically Attached Insulation, Bonded Roof Cover                         | 77   |
| <a href="#">2I</a>    | Steel or Structural Concrete                                                                               | New, Reroof (Tear-Off) or Recover | C-2  | Mechanically Attached Insulation, Induction Welded Roof Cover                                                   | 81   |
| <a href="#">2J</a>    | Steel                                                                                                      | New, Reroof (Tear-Off) or Recover | D-1  | Mechanically Attached Roof Cover                                                                                | 83   |
| <a href="#">3A</a>    | Structural concrete                                                                                        | New or Reroof (Tear-Off)          | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 84   |
| <a href="#">3B</a>    | Structural concrete                                                                                        | New or Reroof (Tear-Off)          | A-1  | Bonded Insulation, Bonded Base Ply, Bonded Cap Ply                                                              | 107  |
| <a href="#">3C</a>    | Structural concrete                                                                                        | New or Reroof (Tear-Off)          | F    | Non-Insulated, Bonded Roof Cover                                                                                | 113  |
| <a href="#">4A</a>    | Deck with Lightweight Concrete                                                                             | New or Reroof (Tear Off)          | E-2  | Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover                                              | 114  |
| <a href="#">4B</a>    | Deck with Lightweight Concrete                                                                             | New or Reroof (Tear-Off)          | F    | Non-Insulated, Bonded Roof Cover                                                                                | 115  |
| <a href="#">4C</a>    | Deck with Lightweight Concrete                                                                             | New or Reroof (Tear-Off)          | F    | Non-Insulated, Bonded Roof Cover                                                                                | 117  |
| <a href="#">5A</a>    | Cementitious wood fiber                                                                                    | Reroof (Tear-Off)                 | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 120  |
| <a href="#">5B</a>    | Cementitious wood fiber                                                                                    | New or Reroof (Tear-Off)          | F    | Non-Insulated, Bonded Roof Cover                                                                                | 121  |
| <a href="#">6A</a>    | Existing gypsum                                                                                            | Reroof (Tear-Off)                 | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 122  |
| <a href="#">6B</a>    | Existing gypsum                                                                                            | Reroof (Tear-Off)                 | B-1  | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover                                 | 123  |
| <a href="#">6C</a>    | Existing gypsum                                                                                            | Reroof (Tear-Off)                 | C-1  | Mechanically Attached Insulation, Bonded Roof Cover                                                             | 131  |
| <a href="#">6D</a>    | Existing gypsum                                                                                            | Reroof (Tear-Off)                 | F    | Non-Insulated, Bonded Roof Cover                                                                                | 133  |
| <a href="#">7A</a>    | Various                                                                                                    | Recover                           | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 134  |
| <a href="#">7B</a>    | Steel                                                                                                      | Recover                           | C-2  | Induction Welded Roof Cover                                                                                     | 168  |
| <a href="#">7C</a>    | Steel                                                                                                      | Recover                           | D-1  | Insulated, Mechanically Attached Roof Cover                                                                     | 169  |
| <a href="#">7D</a>    | Various                                                                                                    | Recover                           | F    | Non-Insulated, Bonded Roof Cover                                                                                | 169  |
| <a href="#">8A/8B</a> | Guidance / Limitations for use of Hilti fasteners in Type B steel deck securement beneath GAF roof systems |                                   |      |                                                                                                                 | 170  |



**The following notes apply to the systems outlined herein:**

- 1 The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC HVHZ requirements to the satisfaction of the Authority Having Jurisdiction. Deck-attachment details pertain to 'as-tested' conditions under [Testing Application Standard](#) TAS 114, Appendix J. [Tables 8A and 8B](#) provide guidance / limitations associated with use of fasteners from Hilti, Inc. to secure steel decking to structural members.
- 2 Unless otherwise noted, fasteners and stress plates shall be as follows. Fasteners shall be of sufficient length for the following engagements:

| FASTENER/PLATE OPTIONS |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                       |
|------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| DECK TYPE              | BY    | PARTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MINIMUM ENGAGEMENT                                                                                                                                    |
| WOOD                   | GAF   | Drill-Tec #12 Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3" Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate (insulation only), Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate; Drill-Tec ASAP 3S; Drill-Tec Heavy Duty ASAP Roofing Fastener Assembled with a 3" Metal Plate; Drill-Tec 3" ASAP Flat or Drill-Tec 3" ASAP Recessed                                                                                                                        | Minimum ¾-inch plywood penetration or minimum 1-inch wood plank embedment                                                                             |
| STEEL                  | GAF   | Drill-Tec #12 Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener, Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3" Steel Plate or Drill-Tec AccuTrac Flat Plate or Drill-Tec AccuTrac Recessed Plate (insulation only), Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate; Drill-Tec ASAP 3S; Drill-Tec Heavy Duty ASAP Roofing Fastener Assembled with a 3" Metal Plate; Drill-Tec Extra Heavy Duty ASAP Roofing Fastener – Insulation; ; Drill-Tec 3" ASAP Flat or Drill-Tec 3" ASAP Recessed | Minimum ¾-inch steel penetration and engage the top flute of the steel deck                                                                           |
|                        | Note: | Unless otherwise noted, Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #12 Fastener or Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board to steel deck, up to a maximum allowable design pressure (MDP) of -120.0 psf.                                                                                                                                                                                          |                                                                                                                                                       |
|                        | Note: | Unless otherwise noted, Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #12 Fastener or Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure min. 0.5-inch thick Structodek High Density Fiberboard Roof Insulation, EnergyGuard HD Polyiso Insulation or EnergyGuard HD Plus Polyiso Insulation, 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 1.5-inch EnergyGuard POLYISO INSULATION or EnergyGuard Ultra Polyiso Insulation to steel deck.                                                    |                                                                                                                                                       |
| STRUCTURAL CONCRETE    | GAF   | Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener or Drill-Tec CD-10 with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3" Steel Plate or Drill-Tec AccuTrac Flat Plate or Drill-Tec AccuTrac Recessed Plate (insulation only), Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate; Drill-Tec Heavy Duty ASAP Roofing Fastener Assembled with a 3" Metal Plate or Drill-Tec 3" ASAP Flat (#14 only)                                                                                                                                                                                                                        | Minimum 1.25-inch embedment. Fasteners installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions |
|                        | Note: | Unless otherwise noted, Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board to structural concrete deck, up to a maximum allowable design pressure (MDP) of -120.0 psf.                                                                                                                                                                                                                                   |                                                                                                                                                       |
|                        | Note: | Unless otherwise noted, Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure min. 0.5-inch thick Structodek High Density Fiberboard Roof Insulation, EnergyGuard HD Polyiso Insulation or EnergyGuard HD Plus Polyiso Insulation, 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 1.5-inch EnergyGuard POLYISO INSULATION or EnergyGuard Ultra Polyiso Insulation to structural concrete deck.                                                                                             |                                                                                                                                                       |

- 3 Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC HVHZ 1516 and, for foam plastic, FBC Chapter 26, when installed with the roof cover.
- 4 Minimum 200 psi, minimum 2-inch thick FBC HVHZ Approved lightweight insulating concrete may be substituted for, or installed below, rigid insulation board for System Types B-1, C-1, C-2, D-1 or D-2, whereby fasteners are installed through the lightweight insulating concrete to engage the structural deck. The structural deck shall be of equal or greater type, thickness and strength to the steel and structural concrete deck listings. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction. This is a wind uplift resistance allowance and does not purport to address non-wind-uplift-related issues, such as deck venting or moisture levels within the LWIC and the potential effect on overlying components. If mechanical attachment to the structural deck through lightweight insulating concrete is proposed, field withdrawal resistance testing shall be performed to confirm equivalent or determine enhanced fastening patterns and density. All testing and fastening design shall be in compliance with [Testing Application Standard](#) TAS 105 and [Roofing Application Standard](#) RAS 117 and/or RAS 137. Calculations shall be prepared, signed and sealed by a qualified design professional.

5 Preliminary insulation attachment: Unless otherwise noted, use FBC HVHZ Approved roofing fasteners and plates minimum four fasteners per 4 x 8 ft board or minimum two fasteners per 4 x 4 ft board.

6 Unless otherwise noted, insulation adhesive application rates are as follows.

Ribbon or bead width is at the time of application; the ribbons/beads shall expand as noted in the manufacturer's published instructions.

If applying hot asphalt to concrete deck, deck shall be primed with ASTM D41 primer.

When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, board joints shall be staggered.

The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing.

| INSULATION ADHESIVE REFERENCES |                               |                  |                 |                                                                                  |
|--------------------------------|-------------------------------|------------------|-----------------|----------------------------------------------------------------------------------|
| By                             | ADHESIVE                      | REFERENCE        | FBC FILE OR NOA | MINIMUM RATE                                                                     |
| GAF                            | GAF LRF Adhesive M            | 'LRF-M'          | N/A             | Continuous 0.75 to 1-inch ribbons, 12-inch o.c.                                  |
|                                | GAF LRF Adhesive M Canister   | 'LRF-M Canister' | N/A             | Continuous 1 to 1.5-inch ribbons, 12-inch o.c.                                   |
|                                | GAF LRF Adhesive XF           | 'LRF-XF'         | N/A             | Continuous 0.75 to 1-inch ribbons, 12-inch o.c.                                  |
| OMG, Inc.                      | OlyBond 500 Adhesive Fastener | 'OB500'          | 22-0519.04      | Continuous 0.75-inch wide ribbons, 12-inch o.c. (PaceCart, SpotShot or Canister) |
| Generic, ASTM D312, Type IV    | hot asphalt                   | N/A              | N/A             | Full coverage at 25-30 lbs/square                                                |

7 Unless otherwise noted, all insulations are flat-stock or taper board of the minimum thickness noted. Tapered polyisocyanurate at the following thickness limitations may be substituted with the following Maximum Design Pressure (MDP) limitations. In no case shall these values be used to 'increase' the MDP listings in the tables; rather if MDP listing below meets or exceeds that listed for a particular system in the tables, then the thinner board listed below may be used as a drop-in for the equivalent thicker material listed in the table.

| MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS |                                                                        |                 |                             |           |
|----------------------------------------------------------|------------------------------------------------------------------------|-----------------|-----------------------------|-----------|
| ADHESIVE                                                 | INSULATION                                                             |                 | MIN. TAPERED THICKNESS (IN) | MDP (psf) |
|                                                          | LISTED PRODUCT                                                         | FBC FILE OR NOA |                             |           |
| LRF-M                                                    | EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | 22-1202.06      | 0.5                         | -232.5    |
| LRF-XF                                                   | EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | 22-1202.06      | 0.5                         | -292.5    |
| LRF-XF                                                   | EnergyGuard RA                                                         | 23-0130.03      | 0.5                         | -487.5    |
| OB500                                                    | EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | 22-1202.06      | 0.5                         | -292.5    |
| OB500                                                    | EnergyGuard RH                                                         | 19-1017.09      | 0.5                         | -315.0    |
| OB500                                                    | EnergyGuard RN                                                         | 18-1126.10      | 0.5                         | -315.0    |
| OB500                                                    | EnergyGuard RA                                                         | 23-0130.03      | 0.5                         | -487.5    |
| Hot asphalt                                              | Any EnergyGuard polyisocyanurate listed with adhesive herein           | Various         | 0.5                         | -240.0    |

8 Bonded polyisocyanurate insulation boards shall be maximum 4 x 4 ft.

9 For mechanically attached components, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC HVHZ 1620 or [Roofing Application Standard](#) RAS 128. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria in accordance with [Roofing Application Standard](#) RAS 117 or RAS 137. \*This extrapolation is not permitted for systems marked with an asterisk\*

10 For assemblies marked with an asterisk\*, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with FBC Chapter 16. No rational analysis is permitted for these systems.

11 For mechanically attached components over existing decks, fasteners shall be tested in the existing deck for withdrawal resistance in accordance with [Testing Application Standard](#) TAS 105. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Should the fastener resistance be less than that required, a revised fastener spacing – prepared, signed and sealed by a qualified design professional in accordance with [Roofing Application Standard](#) RAS 117 or RAS 137 – may be submitted to the Building Official for review and acceptance.

- 12 Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations. For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing shall be conducted on mock-ups of the proposed new roof assembly. For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with [Testing Application Standard](#) TAS 124.
- 13 For Structural Concrete Deck or Recover Applications using System Type C-1 the base insulation layer is optional and for System Type C-2, D-1 or D-2, the insulation is optional. Alternatively, an FBC HVHZ Approved insulation board or coverboard may be used as a separation layer. Board products shall be preliminarily attached prior to roof cover installation ([Note 5](#)). The separator component shall be documented as meeting FBC HVHZ 1516 and, for foam plastic, FBC Chapter 26, when installed with the roof cover in Recover applications.
- 14 Lightweight insulating concrete (LWIC) shall be cast in accordance with FBC Section 1917 to the satisfaction of the Authority Having Jurisdiction. For systems where specific LWIC is referenced, refer to current LWIC FBC HVHZ Product Approval for specific deck construction and limitations. Unless otherwise noted, for systems where specific LWIC is not referenced, the minimum design mix shall be 300 psi. In all cases, the minimum top-coat thickness is 2-inches. For LWIC over structural concrete, reference is made to FBC Section 1917.4.1, Point 1. For “pre-existent” LWIC references, listings were established through testing over lightweight concrete cast using only foaming agent (ASTM C896), water and Portland cement (ASTM C150), with no proprietary additives, in accordance with procedures adopted by Miami-Dade BCCO (FBC CER1592). Use of these listings in new construction or re-roof (tear-off) applications is at the discretion of the Designer or Record and Authority Having Jurisdiction.
- 15 For bonded membrane applications, unless otherwise noted, refer to the following.

| MEMBRANE / ADHESIVE COMBINATIONS |                                                                                                 |                                          |                      |                                                                                                                                                                                                                                |
|----------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE                        | MEMBRANE                                                                                        | ADHESIVE                                 | APPLICATION          | RATE                                                                                                                                                                                                                           |
| PVC1-BA                          | EverGuard PVC Smooth or EverGuard PVC XK                                                        | EverGuard #2331 Bonding Adhesive (#2331) | Contact (both sides) | 1.67 to 1.80 gal/square (½ applied to substrate and ½ applied to membrane)                                                                                                                                                     |
| PVC2-BA                          | EverGuard PVC or EverGuard PVC KEE                                                              | EverGuard PVC Quick Lay Adhesive         | Wet lay (substrate)  | 1 gal/square                                                                                                                                                                                                                   |
| PVC1-QS                          | EverGuard PVC XK                                                                                | PVC Quick Spray Adhesive                 | Contact (both sides) | 3.0 lbs/square to both the substrate and to the membrane underside, and immediately rolled in. (6.0 lbs/square total rate)                                                                                                     |
| PVC2-QS                          | Everguard PVC                                                                                   |                                          |                      |                                                                                                                                                                                                                                |
| PVCX-HA                          | EverGuard PVC XK Fleeceback                                                                     | hot asphalt                              | Wet lay (substrate)  | 25 lbs/square                                                                                                                                                                                                                  |
| PVCF-HA                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        |                                          |                      |                                                                                                                                                                                                                                |
| PVCX-WB                          | EverGuard PVC XK Fleeceback                                                                     | EverGuard WB181 Bonding Adhesive (WB181) | Wet lay (substrate)  | 0.83 to 1.0 gal/square                                                                                                                                                                                                         |
| PVCF-WB                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        |                                          |                      |                                                                                                                                                                                                                                |
| PVCX-LM                          | EverGuard PVC XK Fleeceback                                                                     |                                          |                      |                                                                                                                                                                                                                                |
| PVCF-LM                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        | GAF LRF Adhesive M (LRF-M)               | Wet lay (substrate)  | 1-inch wide ribbons spaced as noted in tables herein. Note: The adhesive ribbons are located directly over the adhesive ribbons used to secure the insulation when the cover is bonded to insulation less than 1.5-inch thick. |
| PVCX-LO                          | EverGuard PVC XK Fleeceback                                                                     |                                          |                      |                                                                                                                                                                                                                                |
| PVCF-LO                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        | GAF LRF Adhesive O (LRF-O)               | Wet lay (substrate)  | 1-inch wide ribbons spaced as noted in tables herein. Note: The adhesive ribbons are located directly over the adhesive ribbons used to secure the insulation when the cover is bonded to insulation less than 1.5-inch thick. |
| PVCF-XF                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        | GAF LRF Adhesive XF (LRF-XF)             | Wet lay (substrate)  | “Spatter pattern” at 3.0 lbs/sq.                                                                                                                                                                                               |
| PVCX-OB                          | EverGuard PVC XK Fleeceback                                                                     |                                          |                      |                                                                                                                                                                                                                                |
| PVCF-OB                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        | OlyBond 500 Canister                     | Wet lay (substrate)  | “Spatter pattern” at 0.32 gal/square (to insulation, coverboard or Tectum)<br>“Spatter pattern” at 0.83 gal/square (to asphaltic base ply membrane).                                                                           |
| BP-AA                            | One or two plies, GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet | Hot asphalt                              |                      | 25 lbs/square                                                                                                                                                                                                                  |
| SBS-AA                           | One or two plies, Ruberoid 20 Smooth, Ruberoid Mop Smooth or Ruberoid Mop Smooth 1.5            | Hot asphalt                              |                      | 25 lbs/square                                                                                                                                                                                                                  |
| SBS-SA                           | LIBERTY SBS Self-Adhering Cap Sheet                                                             | Self-adhering                            |                      | Full bond                                                                                                                                                                                                                      |
| SBS-TA                           | One or two plies, Ruberoid HW 25 Smooth, Ruberoid HW Smooth                                     | Torch-applied                            |                      | Full bond                                                                                                                                                                                                                      |

- 15A For single-ply membranes in System Type D-1 steel deck applications, the roof membrane shall be run with its length perpendicular to the steel deck flutes.

15B For System Type C-2 (induction weld), care shall be taken to ensure that the plates do not line-up with membrane seams. This condition may preclude proper induction welding of the membrane to the plates.

16 **Thermal Barrier and/or Vapor Barrier Options:**

16A **Structural Concrete Decks:** The lesser of the MDP listings below vs. that for the selected assembly applies.

| STRUCTURAL CONCRETE DECK: VAPOR BARRIER FOLLOWED BY ADHESIVE-APPLIED INSULATION |                                                      |                                                                                                                               |                                                    |                                                                           |                              |
|---------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------|------------------------------|
| OPTION #                                                                        | PRIMER                                               | VAPOR BARRIER <a href="#">(NOTE 15)</a>                                                                                       |                                                    | INSULATION ADHESIVE PER<br>TABLE <a href="#">3A</a> OR <a href="#">3B</a> | MDP<br><a href="#">(PSF)</a> |
|                                                                                 |                                                      | TYPE                                                                                                                          | APPLICATION                                        |                                                                           |                              |
| C-VB-1.                                                                         | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid Torch Granule                                                                                                        | Torch-applied                                      | Hot asphalt                                                               | -225.0                       |
| C-VB-2.                                                                         | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | BP-AA                                                                                                                         | Hot asphalt applied                                | Hot asphalt                                                               | -360.0                       |
| C-VB-3.                                                                         | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | One or two plies, GAFGLAS Ply 4, GAFGLAS Ply 4 M, Tri-Ply Ply 4 Ply Sheet, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M or SBS-AA | Hot asphalt applied                                | Hot asphalt                                                               | -495.0                       |
| C-VB-4.                                                                         | None                                                 | GAF SA Vapor Retarder XL                                                                                                      | Self-adhering                                      | LRF-M, 12-inch o.c.                                                       | -112.5                       |
| C-VB-5.                                                                         | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | SBS-TA                                                                                                                        | Torch-applied                                      | LRF-M, 12-inch o.c.                                                       | -180.0                       |
| C-VB-6.                                                                         | GAF SA Primer                                        | GAF SA Vapor Retarder                                                                                                         | Self-adhering                                      | LRF-M, 12-inch o.c.                                                       | -202.5                       |
| C-VB-7.                                                                         | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | BP-AA or one or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS Flex Ply 6 M or SBS-AA                 | Hot asphalt applied                                | LRF-M, 12-inch o.c.                                                       | -495.0                       |
| C-VB-8.                                                                         | None                                                 | GAF SA Vapor Retarder XL                                                                                                      | Self-adhering                                      | LRF-XF 12-inch o.c.                                                       | -112.5                       |
| C-VB-9.                                                                         | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid Torch Granule                                                                                                        | Torch-applied                                      | LRF-XF, 12-inch o.c.                                                      | -169.0                       |
| C-VB-10.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | SBS-TA                                                                                                                        | Torch-applied                                      | LRF-XF, 12-inch o.c.                                                      | -180.0                       |
| C-VB-11.                                                                        | GAF SA Primer                                        | GAF SA Vapor Retarder                                                                                                         | Self-adhering                                      | LRF-XF, 12-inch o.c.                                                      | -202.5                       |
| C-VB-12.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | SBS-SA                                                                                                                        | Self-adhering                                      | LRF-XF, 12-inch o.c.                                                      | -250.0                       |
| C-VB-13.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | BP-AA or one or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS Flex Ply 6 M or SBS-AA                 | Hot asphalt applied                                | LRF-XF, 12-inch o.c.                                                      | -262.5                       |
| C-VB-14.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid 30                                                                                                                   | Hot asphalt applied                                | LRF-XF, 12-inch o.c.                                                      | -270.0                       |
| C-VB-15.                                                                        | None                                                 | GAF SA Vapor Retarder XL                                                                                                      | Self-adhering                                      | OlyBond 500, 12-inch o.c.                                                 | -127.5                       |
| C-VB-16.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid Torch Smooth                                                                                                         | Torch-applied                                      | OB500, 12-inch o.c.                                                       | -165.0                       |
| C-VB-17.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid HW 25 Smooth                                                                                                         | Torch-applied                                      | OB500, 12-inch o.c.                                                       | -180.0                       |
| C-VB-18.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | SBS-SA                                                                                                                        | Self-adhering                                      | OB500, 12-inch o.c.                                                       | -187.5                       |
| C-VB-19.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid 20 Smooth                                                                                                            | Matrix 102 SBS Membrane Adhesive at 1.5 gal/square | OB500, 12-inch o.c.                                                       | -202.5                       |
| C-VB-20.                                                                        | GAF SA Primer                                        | GAF SA Vapor Retarder                                                                                                         | Self-adhering                                      | OB500, 12-inch o.c.                                                       | -202.5                       |
| C-VB-21.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid Torch Granule                                                                                                        | Torch-applied                                      | OB500, 12-inch o.c.                                                       | -225.0                       |
| C-VB-22.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid HW Smooth                                                                                                            | Torch-applied                                      | OB500, 12-inch o.c.                                                       | -232.5                       |
| C-VB-23.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | BP-AA or one or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS Flex Ply 6 M or SBS-AA                 | Hot asphalt applied                                | OB500, 12-inch o.c.                                                       | -352.5                       |

16B Decks followed by Vapor Barrier followed by Lightweight Concrete (LWC): The lesser of the MDP listings below vs. that for the selected assembly from the Lightweight Concrete tables applies:

| DECK FOLLOWED BY VAPOR BARRIER FOLLOWED BY CELLULAR LIGHTWEIGHT INSULATING CONCRETE |                                                      |                                                                                                                                                                                                |               |                                                         |           |
|-------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------|-----------|
| OPTION #                                                                            | PRIMER                                               | VAPOR BARRIER                                                                                                                                                                                  |               | LIGHTWEIGHT CONCRETE PER<br>TABLE 4A OR 4C (NOTE 14)    | MDP (PSF) |
|                                                                                     |                                                      | TYPE                                                                                                                                                                                           | ATTACH        |                                                         |           |
| LWC-VB-1.                                                                           | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Base Ply (Optional): One or two plies Ruberoid HW 25 Smooth, Ruberoid HW Smooth<br>Cap Ply: Ruberoid HW Granule, Ruberoid HW Granule FR, Ruberoid HW Plus Granule, Ruberoid HW Plus Granule FR | Torch-applied | Min. 200 psi Mearlcrete (NOA 19-0729.03)                | -82.5     |
| LWC-VB-2.                                                                           | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Base Ply (Optional): One or two plies Ruberoid HW 25 Smooth, Ruberoid HW Smooth<br>Cap Ply: Ruberoid HW Granule, Ruberoid HW Granule FR, Ruberoid HW Plus Granule, Ruberoid HW Plus Granule FR | Torch-applied | Min. 300 psi Celcore Cellular Concrete (NOA 18-0717.05) | -135.0    |
| LWC-VB-3.                                                                           | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Base Ply (Optional): One or two plies Ruberoid HW 25 Smooth, Ruberoid HW Smooth<br>Cap Ply: Ruberoid HW Granule, Ruberoid HW Granule FR, Ruberoid HW Plus Granule, Ruberoid HW Plus Granule FR | Torch-applied | Min. 300 psi Elastizell (NOA 18-0208.03)                | -302.5    |
| LWC-VB-4.                                                                           | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid HW 25 Smooth, Ruberoid HW Smooth                                                                                                                                                      | Torch-applied | Min. 540 psi pre-existent cellular LWC                  | -358.0    |

- 17 Fire barriers of GAF FireOut™ Fire Barrier Coating or VersaShield Solo™ Fire-Resistant Slip Sheet are optional in all assemblies when overlying components are mechanically fastened.
- 18 For System Types B-1, B-2, C-1, C-2, D-1 or D-2, GAF SA Vapor Retarder or GAF SA Vapor Retarder XL may be installed atop the roof deck, or to a loose-laid thermal barrier of DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, prior to installation of the insulation and roof cover. When adhering GAF SA Vapor Retarder to structural concrete, the substrate shall be primed with GAF SA Primer, TPO QSA or TPO QSA LV50. When adhering GAF SA Vapor Retarder to DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, the substrate shall be primed with GAF SA Primer, TPO QSA, TPO QSA LV50 or Matrix 307 Premium Asphalt Primer. Refer to [FM Loss Prevention Data Sheet](#) 1-29 for design and installation limitations.
- 19 The following products are interchangeable within the scope of this PEER:

| ACCEPTABLE ALTERNATES |                             |                 |                                         |                                                                                   |
|-----------------------|-----------------------------|-----------------|-----------------------------------------|-----------------------------------------------------------------------------------|
| SUB-CATEGORY          | MANUFACTURER                | FBC FILE OR NOA | LISTED PRODUCT HEREIN                   | ALTERNATE                                                                         |
| ROOFING INSULATION    | GAF                         | 22-1202.06      | EnergyGuard Polyiso Insulation          | EnergyGuard NH Polyiso Insulation                                                 |
|                       |                             |                 | EnergyGuard Ultra Polyiso Insulation    | EnergyGuard NH Ultra Polyiso Insulation                                           |
|                       |                             |                 | EnergyGuard HD Polyiso Cover Board      | EnergyGuard HD Barrier Polyiso Cover Board, EnergyGuard NH HD Polyiso Cover Board |
|                       |                             |                 | EnergyGuard HD Plus Polyiso Cover Board | EnergyGuard NH HD Plus Polyiso Cover Board                                        |
|                       | Georgia-Pacific Gypsum, LLC | 21-1229.05      | DensDeck Prime                          | DensDeck StormX Prime Roof Board                                                  |
| VAPOR BARRIER         | GAF                         | N/A             | GAF SA Vapor Retarder XL                | GAF SA Vapor Retarder XL40                                                        |

- 20 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to FBC (HVHZ) 1620 and [Roofing Application Standard](#) RAS 128 for determination of design wind loads. [\(Notes 9 and 10\)](#)

**TABLE 1A: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                             | Deck<br><a href="#">(Note 1)</a>                                                     | Base Insulation Layer                                                                             |                                     |               | Top Insulation Layer                            |                                         | Roof Cover<br><a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|--------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-------------------------------------------------|-----------------------------------------|-----------------------------------------|------------------------------|
|                                                        |                                                                                      | Type                                                                                              | Fasten<br><a href="#">(Note 11)</a> | Attach        | Type                                            | Attach<br><a href="#">(Notes 6,7,8)</a> |                                         |                              |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                                                                      |                                                                                                   |                                     |               |                                                 |                                         |                                         |                              |
| W-1.                                                   | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails 6" o.c. | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2 (#14 only)                   | 1 per 2.0 ft² | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                  | PVC1-BA                                 | -52.5                        |
| EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:   |                                                                                      |                                                                                                   |                                     |               |                                                 |                                         |                                         |                              |
| W-2.                                                   | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails 6" o.c. | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2 (#14 only)                   | 1 per 2.0 ft² | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                  | PVCX-OB                                 | -52.5                        |

**TABLE 1B: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                           | Deck <a href="#">(Note 1)</a>                                                         | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                                                                                                                             |                                    |                           | Roof Cover <a href="#">(Note 15)</a> |         | <a href="#">MDP</a><br><a href="#">(psf)</a> |
|------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------|--------------------------------------|---------|----------------------------------------------|
|                                                      |                                                                                       |                                                 | Type                                                                                                                                                             | Fastener <a href="#">(Note 11)</a> | Attach                    | Base Ply                             | Cap Ply |                                              |
| BAREBACK APPLICATIONS:                               |                                                                                       |                                                 |                                                                                                                                                                  |                                    |                           |                                      |         |                                              |
| W-3.                                                 | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                             | 1 per 1.8 ft <sup>2</sup> | None                                 | PVC1-BA | -52.5                                        |
| W-4.                                                 | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                             | 1 per 1.8 ft <sup>2</sup> | None                                 | PVC1-BA | -52.5                                        |
| W-5.                                                 | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                             | 1 per 1.8 ft <sup>2</sup> | None                                 | PVC1-BA | -60.0                                        |
| W-6.                                                 | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                             | 1 per 1.6 ft <sup>2</sup> | None                                 | PVC1-BA | -60.0                                        |
| EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS: |                                                                                       |                                                 |                                                                                                                                                                  |                                    |                           |                                      |         |                                              |
| W-7.                                                 | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                             | 1 per 1.8 ft <sup>2</sup> | None                                 | PVCX-OB | -52.5                                        |
| W-8.                                                 | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                             | 1 per 1.8 ft <sup>2</sup> | None                                 | PVCX-OB | -52.5                                        |
| W-9.                                                 | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                             | 1 per 1.8 ft <sup>2</sup> | None                                 | PVCX-OB | -60.0                                        |



**TABLE 1B: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                               | Deck <a href="#">(Note 1)</a>                                                         | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                                                                                                                             |                                    |                           | Roof Cover <a href="#">(Note 15)</a> |                                                                             | MDP <a href="#">(psf)</a> |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------|--------------------------------------|-----------------------------------------------------------------------------|---------------------------|
|                                                                                          |                                                                                       |                                                 | Type                                                                                                                                                             | Fastener <a href="#">(Note 11)</a> | Attach                    | Base Ply                             | Cap Ply                                                                     |                           |
| W-10.                                                                                    | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                             | 1 per 1.6 ft <sup>2</sup> | None                                 | PVCX-OB                                                                     | -60.0                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                                                                       |                                                 |                                                                                                                                                                  |                                    |                           |                                      |                                                                             |                           |
| W-11.                                                                                    | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                             | 1 per 1.8 ft <sup>2</sup> | None                                 | PVCF-XF or PVCF-OB                                                          | -52.5                     |
| W-12.                                                                                    | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                             | 1 per 1.8 ft <sup>2</sup> | None                                 | PVCF-XF or PVCF-OB                                                          | -52.5                     |
| W-13.                                                                                    | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                             | 1 per 1.8 ft <sup>2</sup> | None                                 | PVCF-XF or PVCF-OB                                                          | -60.0                     |
| W-14.                                                                                    | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                             | 1 per 1.6 ft <sup>2</sup> | None                                 | PVCF-XF or PVCF-OB                                                          | -60.0                     |
| W-15.                                                                                    | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 6" o.c. | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                             | 1 per 1.8 ft <sup>2</sup> | SBS-AA, SBS-SA or SBS-TA             | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                     |

**TABLE 1c: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                                                                                         | Insulation Layer <a href="#">(Note 13)</a>                                                 | Attachment                                                                                                       |                                                                                                                                                                                           | Roof Cover <a href="#">(Note 15B)</a>                                                                | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------|
|            |                                                                                                                                       |                                                                                            | Fastener <a href="#">(Note 11)</a>                                                                               | Density                                                                                                                                                                                   |                                                                                                      |                           |
| W-16.      | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails 6-inch o.c. at edges and intermediate supports           | One or more layers, any combination (Tread Safe = min. 2-inch)                             | Drill-Tec #14 Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate     | 1 per 2.7 ft <sup>2</sup><br>(12 parts per 4 x 8 ft board)<br>Fasteners are 6-, 24- and 42-inches from the board's long edge and 12-, 36-, 60- and 84-inches from the board's short edge. | EverGuard PVC XK or EverGuard PVC Smooth induction welded per manufacturer's published instructions. | -52.5                     |
| W-17.      | Min. 15/32-inch APA rated plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails 6-inch o.c. at edges and intermediate supports | (Optional) One or more layers, any combination (Tread Safe = min. 2-inch thick insulation) | Drill-Tec #15 XHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 24 x 32-inch grid                                                                                                                                                                         | EverGuard PVC induction welded per manufacturer's published instructions.                            | -60.0                     |

**TABLE 1c: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

| System No. | Deck<br>(Note 1)                                                                                                                                                      | Insulation Layer<br>(Note 13)                                                                | Attachment                                                                                                                                             |                                                | Roof Cover (Note 15B)                                                                                | MDP<br>(psf) |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------|
|            |                                                                                                                                                                       |                                                                                              | Fastener (Note 11)                                                                                                                                     | Density                                        |                                                                                                      |              |
| W-18.      | Min. 19/32-inch plywood or 1-inch wood plank over nominal No. 2 wood trusses; 2 ft span; 8d ring shank nails, 6" o.c. at edges and 12" o.c. at intermediate supports. | (Optional) One or more layers, any combination (Tread Safe = min. 2-inch thick insulation)   | Drill-Tec #14 (min. 1-inch embedment) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate through to wood supports   | 18-inch o.c. along wood supports, 24-inch o.c. | EverGuard PVC XK or EverGuard PVC Smooth induction welded per manufacturer's published instructions. | -82.5        |
| W-19.      | Min. 19/32-inch plywood or 1-inch wood plank over nominal No. 2 wood trusses; 2 ft span; 8d ring shank nails, 3" o.c.                                                 | (Optional) One or more layers, any combination (Tread Safe = min. 2-inch thick insulation)   | Drill-Tec #14 (min. 1-inch embedment) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate through to wood supports   | 9-inch o.c. along wood supports, 24-inch o.c.  | EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.       | -90.0        |
| W-20.      | Min. 19/32-inch plywood or 1-inch wood plank over nominal No. 2 wood trusses; 2 ft span; 8d ring shank nails, 3" o.c.                                                 | One or more layers, any combination, min. 1-inch (Tread Safe = min. 2-inch thick insulation) | Drill-Tec #14 (min. 1.4-inch embedment) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate through to wood supports | 9-inch o.c. along wood supports, 24-inch o.c.  | EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.       | -105.0       |

**TABLE 1d: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

| System No. | Deck (Note 1)                                                                                                               | Insulation (Note 13)                               |                 | Separator Sheet (Optional)                                                                             | Roof Cover                     |                                                                                                                                               |                                                                                               | MDP<br>(psf) |
|------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------|
|            |                                                                                                                             | Type                                               | Attach (Note 5) |                                                                                                        | Membrane                       | Fastener (Note 11)                                                                                                                            | Attachment                                                                                    |              |
| W-21.      | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails 4-inch o.c. at edges and intermediate supports | One or more layers, any combination, min. 0.5-inch | Prelim. attach  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC XK or PVC Smooth | Drill-Tec #14 Fastener with Drill-Tec 2 in. Double Barbed XHD Plate, Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate | 8-inch o.c. within 5-inch wide laps spaced 55-inch o.c. and sealed with a 1.5-inch heat weld. | -45.0        |
| W-22.      | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails 4-inch o.c. at edges and intermediate supports | One or more layers, any combination, min. 0.5-inch | Prelim. attach  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC XK or PVC Smooth | Drill-Tec #14 Fastener with Drill-Tec 2 in. Double Barbed XHD Plate, Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate | 6-inch o.c. within 5-inch wide laps spaced 76-inch o.c. and sealed with a 1.5-inch heat weld. | -45.0        |

**TABLE 1e: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)                                                                      | Base Sheet                                                                                                                                     |                                                                       |                                                                                                    | Roof Cover (Note 15) |                    | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------|--------------------|--------------|
|            |                                                                                       | Base                                                                                                                                           | Fasteners (Note 11)                                                   | Attach                                                                                             | Base Ply             | Cap Ply            |              |
| W-23.      | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span; 8d ring shank nails, 3" o.c. | GAFLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFLAS #80 Ultima Base Sheet, GAFLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | 32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails | 4-inch o.c. at min. 2-inch laps and 4-inch o.c. at four (4), equally spaced, staggered center rows | SBS-AA or SBS-TA     | PVCF-HA or PVCF-XF | -97.5        |

**TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

| System No. | Deck<br>(Note 1)                                                           | Base Insulation Layer                                                                |                             | Top Insulation Layer |        | Roof Cover<br>(Note 15) | MDP<br>(psf)* |
|------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------|----------------------|--------|-------------------------|---------------|
|            |                                                                            | Type                                                                                 | Attach (Notes 6,7,8)        | Type                 | Attach |                         |               |
| S-1.       | Min. 22 ga., type B, Grade 40 steel                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c. | None                 | N/A    | PVC2-QL                 | -90.0         |
| S-2.       | Min. 22 ga., type B, Grade 40 steel; 6 ft span, 5/8" puddle welds, 6" o.c. | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c. | None                 | N/A    | PVC1-QS or PVC2-QS      | -90.0         |
| S-3.       | Min. 22 ga., type B, Grade 40 steel; 6 ft span, 5/8" puddle welds, 6" o.c. | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c. | None                 | N/A    | PVC1-BA                 | -120.0*       |
| S-4.       | Min. 22 ga., type B, Grade 40 steel; 6 ft span, 5/8" puddle welds, 6" o.c. | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c. | None                 | N/A    | PVC2-BA                 | -120.0*       |
| S-5.       | Min. 22 ga., type B, Grade 40 steel; 6 ft span, 5/8" puddle welds, 6" o.c. | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c. | None                 | N/A    | PVCF-WB                 | -120.0*       |
| S-6.       | Min. 22 ga., type B, Grade 40 steel; 6 ft span, 5/8" puddle welds, 6" o.c. | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c. | None                 | N/A    | PVCF-OB                 | -120.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                             | Deck<br><a href="#">(Note 1)</a>                                          | Base Insulation Layer                                                                |                                     |               | Top Insulation Layer                             |                                         | Roof Cover<br><a href="#">(Note 15)</a> | <a href="#">MDP (psf)</a> |
|--------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------------------------------------------|-----------------------------------------|-----------------------------------------|---------------------------|
|                                                        |                                                                           | Type                                                                                 | Fasten<br><a href="#">(Note 11)</a> | Attach        | Type                                             | Attach<br><a href="#">(Notes 6,7,8)</a> |                                         |                           |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                                                           |                                                                                      |                                     |               |                                                  |                                         |                                         |                           |
| S-7.                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                              | 1 per 2.0 ft² | Additional layers of base insulation             | Hot asphalt                             | PVC1-BA                                 | -45.0*                    |
| S-8.                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2.0-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                              | 1 per 4.0 ft² | Additional layers of base insulation             | Hot asphalt                             | PVC1-BA                                 | -45.0*                    |
| S-9.                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                              | 1 per 2.0 ft² | Additional layers, min. 1.5-inch base insulation | LRF-M or OB500                          | PVC1-BA                                 | -45.0*                    |
| S-10.                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                              | 1 per 2.9 ft² | Additional layers, min. 0.5-inch base insulation | LRF-M or OB500                          | PVC1-BA                                 | -45.0*                    |
| S-11.                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                              | 1 per 4.0 ft² | Additional layers, min. 1.5-inch base insulation | LRF-M or OB500                          | PVC1-BA                                 | -45.0*                    |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                                              | Base Insulation Layer                                                                             |                                       |                           | Top Insulation Layer                                                                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|
|            |                                                                                                 | Type                                                                                              | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                |
| S-12.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation              | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVC1-BA                                   | -45.0*                         |
| S-13.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVC1-BA                                   | -45.0*                         |
| S-14.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVC1-BA                                   | -45.0*                         |
| S-15.      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                          | LRF-M or OB500                            | PVC1-BA                                   | -52.5                          |
| S-16.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation              | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                                                         | LRF-XF                                    | PVC1-BA                                   | -45.0*                         |
| S-17.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                                                         | LRF-XF                                    | PVC1-BA                                   | -45.0*                         |
| S-18.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                                                         | LRF-XF                                    | PVC1-BA                                   | -45.0*                         |
| S-19.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation              | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVC1-BA                                   | -45.0*                         |
| S-20.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVC1-BA                                   | -45.0*                         |
| S-21.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVC1-BA                                   | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                 | Deck<br>( <a href="#">Note 1</a> )                                                              | Base Insulation Layer                                                                             |                                       |                           | Top Insulation Layer                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|
|                                                                                            |                                                                                                 | Type                                                                                              | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                |
| S-22.                                                                                      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tek's 5, 6" o.c. or structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                          | LRF-XF                                    | PVC1-BA                                   | -52.5                          |
| S-23.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch thick DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                 | OB500                                     | PVC1-BA                                   | -45.0*                         |
| S-24.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                       | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                       | OB500                                     | PVC1-BA                                   | -45.0*                         |
| S-25.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 0.5-inch DensDeck                                                                            | Note 2                                | 1 per 2.0 ft <sup>2</sup> | One or more layers, min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | OB500                                     | PVC1-BA                                   | -45.0*                         |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:</b> |                                                                                                 |                                                                                                   |                                       |                           |                                                                                                          |                                           |                                           |                                |
| S-26.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                     | Hot asphalt                               | PVC2-BA                                   | -45.0*                         |
| S-27.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard RA or EnergyGuard RN                                                      | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional layers of base insulation                                                                     | Hot asphalt                               | PVC2-BA                                   | -45.0*                         |
| S-28.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation              | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                     | OB500                                     | PVC2-BA                                   | -45.0*                         |
| S-29.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 0.5-inch DensDeck                                                                            | Note 2                                | 1 per 2.0 ft <sup>2</sup> | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | PVC2-BA                                   | -45.0*                         |
| S-30.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                     | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board       | OB500                                     | PVC2-BA                                   | -45.0*                         |
| S-31.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                       | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board       | OB500                                     | PVC2-BA                                   | -45.0*                         |
| S-32.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                     | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                           | OB500                                     | PVC2-BA                                   | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                                              | Base Insulation Layer                                                                             |                                       |                           | Top Insulation Layer                                                                                                                                                       |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|
|            |                                                                                                 | Type                                                                                              | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                |
| S-33.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                       | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                             | OB500                                     | PVC2-BA                                   | -45.0*                         |
| S-34.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVC2-BA                                   | -45.0*                         |
| S-35.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVC2-BA                                   | -45.0*                         |
| S-36.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                     | LRF-M or OB500                            | PVC2-BA                                   | -45.0*                         |
| S-37.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                     | LRF-M or OB500                            | PVC2-BA                                   | -45.0*                         |
| S-38.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                  | LRF-M or OB500                            | PVC2-BA                                   | -45.0*                         |
| S-39.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                  | LRF-M or OB500                            | PVC2-BA                                   | -45.0*                         |
| S-40.      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                            | LRF-M or OB500                            | PVC2-BA                                   | -52.5                          |
| S-41.      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                      | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                            | OB500                                     | PVC2-BA                                   | -60.0                          |
| S-42.      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN      | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                            | OB500                                     | PVC2-BA                                   | -60.0                          |



**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                                              | Base Insulation Layer                                                                |                                       |                           | Top Insulation Layer                                                                                                                                                       |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                                                 | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-43.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation followed by Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                     | LRF-M or OB500                            | PVC2-BA                                   | -45.0*       |
| S-44.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation followed by Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                     | LRF-M or OB500                            | PVC2-BA                                   | -45.0*       |
| S-45.      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RN         | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                            | LRF-M                                     | PVC2-BA                                   | -60.0        |
| S-46.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                       | LRF-XF                                    | PVC2-BA                                   | -45.0*       |
| S-47.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard RA or EnergyGuard RH                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                         | LRF-XF                                    | PVC2-BA                                   | -45.0*       |
| S-48.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard RA or EnergyGuard RH                                          | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                         | LRF-XF                                    | PVC2-BA                                   | -45.0*       |
| S-49.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVC2-BA                                   | -45.0*       |
| S-50.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVC2-BA                                   | -45.0*       |
| S-51.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                  | LRF-XF                                    | PVC2-BA                                   | -45.0*       |
| S-52.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                  | LRF-XF                                    | PVC2-BA                                   | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                            | Deck<br>( <a href="#">Note 1</a> )                                                              | Base Insulation Layer                                                                             |                                       |                           | Top Insulation Layer                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|
|                                                                       |                                                                                                 | Type                                                                                              | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                |
| S-53.                                                                 | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                          | LRF-XF                                    | PVC2-BA                                   | -52.5                          |
| S-54.                                                                 | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min. 2-inch EnergyGuard RA or EnergyGuard RH                                                      | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                          | LRF-XF                                    | PVC2-BA                                   | -60.0                          |
| S-55.                                                                 | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH                      | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                          | LRF-XF                                    | PVC2-BA                                   | -60.0                          |
| S-56.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation              | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                         | OB500                                     | PVC2-BA                                   | -45.0*                         |
| S-57.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                         | OB500                                     | PVC2-BA                                   | -45.0*                         |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                                                 |                                                                                                   |                                       |                           |                                                                                                          |                                           |                                           |                                |
| S-58.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard RA                                                                      | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                     | hot asphalt                               | PVC2-QL                                   | -45.0*                         |
| S-59.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard RA                                                                        | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional layers of base insulation                                                                     | hot asphalt                               | PVC2-QL                                   | -45.0*                         |
| S-60.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation              | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                     | OB500                                     | PVC2-QL                                   | -45.0*                         |
| S-61.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 0.5-inch DensDeck                                                                            | Note 2                                | 1 per 2.0 ft <sup>2</sup> | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | PVC2-QL                                   | -45.0*                         |
| S-62.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                     | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                        | OB500                                     | PVC2-QL                                   | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                                                             | Base Insulation Layer                                                                             |                                       |                           | Top Insulation Layer                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|
|            |                                                                                                                | Type                                                                                              | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                |
| S-63.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                       | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                         | OB500                                     | PVC2-QL                                   | -45.0*                         |
| S-64.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVC2-QL                                   | -45.0*                         |
| S-65.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVC2-QL                                   | -45.0*                         |
| S-66.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-M or OB500                            | PVC2-QL                                   | -45.0*                         |
| S-67.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-M or OB500                            | PVC2-QL                                   | -45.0*                         |
| S-68.      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | LRF-M or OB500                            | PVC2-QL                                   | -52.5                          |
| S-69.      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                      | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | OB500                                     | PVC2-QL                                   | -60.0                          |
| S-70.      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN      | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | OB500                                     | PVC2-QL                                   | -60.0                          |
| S-71.      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RN                      | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | LRF-M                                     | PVC2-QL                                   | -60.0                          |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                                                             | Base Insulation Layer                                                                             |                                       |                           | Top Insulation Layer                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|
|            |                                                                                                                | Type                                                                                              | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                |
| S-72.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation              | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                      | LRF-XF                                    | PVC2-QL                                   | -45.0*                         |
| S-73.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | Min 1.5-inch EnergyGuard RA or EnergyGuard RH                                                     | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                         | LRF-XF                                    | PVC2-QL                                   | -45.0*                         |
| S-74.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | Min 2-inch EnergyGuard RA or EnergyGuard RH                                                       | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                         | LRF-XF                                    | PVC2-QL                                   | -45.0*                         |
| S-75.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVC2-QL                                   | -45.0*                         |
| S-76.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVC2-QL                                   | -45.0*                         |
| S-77.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-XF                                    | PVC2-QL                                   | -45.0*                         |
| S-78.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-XF                                    | PVC2-QL                                   | -45.0*                         |
| S-79.      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | LRF-XF                                    | PVC2-QL                                   | -52.5                          |
| S-80.      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA or EnergyGuard RH                                                      | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | LRF-XF                                    | PVC2-QL                                   | -60.0                          |
| S-81.      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH                      | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | LRF-XF                                    | PVC2-QL                                   | -60.0                          |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                 | Deck<br><a href="#">(Note 1)</a>                                          | Base Insulation Layer                                                               |                                     |                           | Top Insulation Layer                                                                                  |                                         | Roof Cover<br><a href="#">(Note 15)</a> | <a href="#">MDP (psf)</a> |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|---------------------------|
|                                                                            |                                                                           | Type                                                                                | Fasten<br><a href="#">(Note 11)</a> | Attach                    | Type                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> |                                         |                           |
| EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS: |                                                                           |                                                                                     |                                     |                           |                                                                                                       |                                         |                                         |                           |
| S-82.                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA                                                        | Note 2                              | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                  | hot asphalt                             | PVC1-QS or PVC2-QS                      | -45.0*                    |
| S-83.                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA                                                          | Note 2                              | 1 per 4.0 ft <sup>2</sup> | Additional layers of base insulation                                                                  | hot asphalt                             | PVC1-QS or PVC2-QS                      | -45.0*                    |
| S-84.                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                        | Note 2                              | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                  | OB500                                   | PVC1-QS or PVC2-QS                      | -45.0*                    |
| S-85.                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.5-inch DensDeck                                                              | Note 2                              | 1 per 2.0 ft <sup>2</sup> | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation                                      | OB500                                   | PVC1-QS or PVC2-QS                      | -45.0*                    |
| S-86.                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                              | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime                                                                         | OB500                                   | PVC1-QS or PVC2-QS                      | -45.0*                    |
| S-87.                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                         | Note 2                              | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime                                                                         | OB500                                   | PVC1-QS or PVC2-QS                      | -45.0*                    |
| S-88.                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                              | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime | LRF-M or OB500                          | PVC1-QS or PVC2-QS                      | -45.0*                    |
| S-89.                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                              | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime | LRF-M or OB500                          | PVC1-QS or PVC2-QS                      | -45.0*                    |
| S-90.                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation                                         | Note 2                              | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                             | LRF-M or OB500                          | PVC1-QS or PVC2-QS                      | -45.0*                    |
| S-91.                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation                                           | Note 2                              | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                             | LRF-M or OB500                          | PVC1-QS or PVC2-QS                      | -45.0*                    |
| S-92.                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                        | Note 2                              | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                  | LRF-XF                                  | PVC1-QS or PVC2-QS                      | -45.0*                    |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                              | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                           | Top Insulation Layer                                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|                                                                         |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-93.                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA or EnergyGuard RH                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime                                                                                                            | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-94.                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA or EnergyGuard RH                                          | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime                                                                                                            | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-95.                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime                                    | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-96.                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime                                    | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-97.                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation                                          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| S-98.                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation                                            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -45.0*       |
| <b>EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                           |                                                                                      |                                       |                           |                                                                                                                                          |                                           |                                           |              |
| S-99.                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                         | LRF-M or OB500                            | PVCX-WB                                   | -45.0*       |
| S-100.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                         | LRF-M or OB500                            | PVCX-WB                                   | -45.0*       |
| S-101.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                         | LRF-M or OB500                            | PVCX-WB                                   | -45.0*       |
| S-102.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECURROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-WB                                   | -45.0*       |



**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                           | Top Insulation Layer                                                                                                                    |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|
|                                                                                                      |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                |
| S-103.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-WB                                   | -45.0*                         |
| S-104.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-WB                                   | -45.0*                         |
| S-105.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                        | LRF-XF                                    | PVCX-WB                                   | -45.0*                         |
| S-106.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-XF                                    | PVCX-WB                                   | -45.0*                         |
| S-107.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                        | LRF-XF                                    | PVCX-WB                                   | -45.0*                         |
| S-108.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-WB                                   | -45.0*                         |
| S-109.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-WB                                   | -45.0*                         |
| S-110.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-WB                                   | -45.0*                         |
| S-111.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                         | OB500                                     | PVCX-WB                                   | -45.0*                         |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                           |                                                                                      |                                       |                           |                                                                                                                                         |                                           |                                           |                                |
| S-112.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                               | LRF-M                                     | PVCF-WB                                   | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                                              | Base Insulation Layer                                                               |                                       |                           | Top Insulation Layer                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                                                                                 | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-113.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-M                                     | PVCF-WB                                   | -45.0*       |
| S-114.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-WB                                   | -45.0*       |
| S-115.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-WB                                   | -45.0*       |
| S-116.     | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RN        | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | LRF-M                                     | PVCF-WB                                   | -60.0        |
| S-117.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-XF                                    | PVCF-WB                                   | -45.0*       |
| S-118.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-XF                                    | PVCF-WB                                   | -45.0*       |
| S-119.     | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH        | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | LRF-XF                                    | PVCF-WB                                   | -60.0        |
| S-120.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | OB500                                     | PVCF-WB                                   | -45.0*       |
| S-121.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | OB500                                     | PVCF-WB                                   | -45.0*       |
| S-122.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                      | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                         | OB500                                     | PVCF-WB                                   | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                              | Deck<br>( <a href="#">Note 1</a> )                                                              | Base Insulation Layer                                                                        |                                       |                           | Top Insulation Layer                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> )        | MDP<br>(psf) |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|--------------|
|                                                                         |                                                                                                 | Type                                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |              |
| S-123.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation         | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-WB                                          | -45.0*       |
| S-124.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-WB                                          | -45.0*       |
| S-125.                                                                  | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | OB500                                     | PVCF-WB                                          | -60.0        |
| <b>EVERGUARD PVC XK FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                                                 |                                                                                              |                                       |                           |                                                                                                                                           |                                           |                                                  |              |
| S-126.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation         | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board   | LRF-M or OB500                            | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| S-127.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation         | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                      | LRF-M or OB500                            | PVCX-LM (12-inch o.c.)                           | -45.0*       |
| S-128.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation           | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board   | LRF-M or OB500                            | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| S-129.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation           | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                      | LRF-M or OB500                            | PVCX-LM (12-inch o.c.)                           | -45.0*       |
| S-130.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation           | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board   | LRF-M or OB500                            | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| S-131.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation           | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                      | LRF-M or OB500                            | PVCX-LM (12-inch o.c.)                           | -45.0*       |
| S-132.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard RH, EnergyGuard RN                                                 | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                          | LRF-M, OB500                              | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                           | Top Insulation Layer                                                                                                                    |                                           | Roof Cover<br>( <a href="#">Note 15</a> )        | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|--------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |              |
| S-133.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH, EnergyGuard RN                                           | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-M, OB500                              | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -45.0*       |
| S-134.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN         | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, OB500                              | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -45.0*       |
| S-135.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN         | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M, OB500                              | PVCX-LM (4-inch o.c.)                            | -45.0*       |
| S-136.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN           | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, OB500                              | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -45.0*       |
| S-137.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN           | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M, OB500                              | PVCX-LM (4-inch o.c.)                            | -45.0*       |
| S-138.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| S-139.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM (12-inch o.c.)                           | -45.0*       |
| S-140.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| S-141.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM (12-inch o.c.)                           | -45.0*       |
| S-142.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*       |
| S-143.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM (12-inch o.c.)                           | -45.0*       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                        |                                       |                           | Top Insulation Layer                                                                                                                                                                                             |                                           | Roof Cover<br>( <a href="#">Note 15</a> )        | MDP<br>(psf) |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|--------------|
|                                                                                                      |                                                                           | Type                                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |              |
| S-144.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                                                 | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                                                                                                 | LRF-XF                                    | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -45.0*       |
| S-145.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                                   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                                                                                                 | LRF-XF                                    | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -45.0*       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                           |                                                                                              |                                       |                           |                                                                                                                                                                                                                  |                                           |                                                  |              |
| S-146.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                     | LRF-M or OB500                            | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*       |
| S-147.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                        | LRF-M or OB500                            | PVCF-LM (12-inch o.c.)                           | -45.0*       |
| S-148.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | LRF-M or OB500                            | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*       |
| S-149.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                      | LRF-M or OB500                            | PVCF-LM (12-inch o.c.)                           | -45.0*       |
| S-150.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -45.0*       |
| S-151.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCF-LM (4-inch o.c.)                            | -45.0*       |
| S-152.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -45.0*       |



**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                                              | Base Insulation Layer                                                                        |                                       |                           | Top Insulation Layer                                                                                                                                                                          |                                           | Roof Cover<br>( <a href="#">Note 15</a> )        | MDP<br>( <a href="#">psf</a> ) |
|------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|--------------------------------|
|            |                                                                                                 | Type                                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |                                |
| S-153.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board | LRF-M or OB500                            | PVCF-LM (4-inch o.c.)                            | -45.0*                         |
| S-154.     | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                               | LRF-M or OB500                            | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -60.0                          |
| S-155.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                  | LRF-XF                                    | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                         |
| S-156.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                     | LRF-XF                                    | PVCF-LM (12-inch o.c.)                           | -45.0*                         |
| S-157.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                | LRF-XF                                    | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                         |
| S-158.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                   | LRF-XF                                    | PVCF-LM (12-inch o.c.)                           | -45.0*                         |
| S-159.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                 | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                              | LRF-XF                                    | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -45.0*                         |
| S-160.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                 | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                 | LRF-XF                                    | PVCF-LM (4-inch o.c.)                            | -45.0*                         |
| S-161.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                              | LRF-XF                                    | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -45.0*                         |
| S-162.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                 | LRF-XF                                    | PVCF-LM (4-inch o.c.)                            | -45.0*                         |



**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                  | Deck<br>( <a href="#">Note 1</a> )                                                             | Base Insulation Layer                                                                             |                                       |                           | Top Insulation Layer                                                                                                                    |                                           | Roof Cover<br>( <a href="#">Note 15</a> )      | MDP<br>( <a href="#">psf</a> ) |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------|--------------------------------|
|                                                             |                                                                                                | Type                                                                                              | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                |                                |
| S-163.                                                      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH TekS 5, 6" o.c. or structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH                      | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                         | LRF-XF                                    | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -60.0                          |
| <b>EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                                                                                |                                                                                                   |                                       |                           |                                                                                                                                         |                                           |                                                |                                |
| S-164.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min. 1.5-inch EnergyGuard RH, EnergyGuard RN                                                      | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-M or OB500                            | PVCX-OB                                        | -45.0*                         |
| S-165.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min. 2-inch EnergyGuard RH, EnergyGuard RN                                                        | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-M or OB500                            | PVCX-OB                                        | -45.0*                         |
| S-166.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN                      | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-OB                                        | -45.0*                         |
| S-167.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN                        | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-OB                                        | -45.0*                         |
| S-168.                                                      | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH TekS 5, 6" o.c. or structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                         | LRF-M or OB500                            | PVCX-OB                                        | -52.5                          |
| S-169.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min. 1.5-inch EnergyGuard RH                                                                      | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-XF                                    | PVCX-OB                                        | -45.0*                         |
| S-170.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min. 2-inch EnergyGuard RH                                                                        | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-XF                                    | PVCX-OB                                        | -45.0*                         |
| S-171.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-OB                                        | -45.0*                         |
| S-172.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                      | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-OB                                        | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                               | Deck<br>( <a href="#">Note 1</a> )                                                              | Base Insulation Layer                                                                             |                                       |                           | Top Insulation Layer                                                                                                                                                                                             |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|
|                                                                                          |                                                                                                 | Type                                                                                              | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                |
| S-173.                                                                                   | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                  | LRF-XF                                    | PVCX-OB                                   | -52.5                          |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                                                                                 |                                                                                                   |                                       |                           |                                                                                                                                                                                                                  |                                           |                                           |                                |
| S-174.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                     | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -45.0*                         |
| S-175.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                        | LRF-M or OB500                            | PVCF-XF                                   | -45.0*                         |
| S-176.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -45.0*                         |
| S-177.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                      | LRF-M or OB500                            | PVCF-XF                                   | -45.0*                         |
| S-178.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN        | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -45.0*                         |
| S-179.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN        | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCF-XF                                   | -45.0*                         |
| S-180.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN      | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -45.0*                         |
| S-181.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                       | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN      | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCF-XF                                   | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                                             | Base Insulation Layer                                                                             |                                       |                           | Top Insulation Layer                                                                                                                                             |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|
|            |                                                                                                | Type                                                                                              | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                |
| S-182.     | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH TekS 5, 6" o.c. or structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -52.5                          |
| S-183.     | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH TekS 5, 6" o.c. or structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN      | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | LRF-M or OB500                            | PVCF-XF or PVCF-OB                        | -60.0                          |
| S-184.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                     | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -45.0*                         |
| S-185.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                        | LRF-XF                                    | PVCF-XF                                   | -45.0*                         |
| S-186.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                   | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -45.0*                         |
| S-187.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                      | LRF-XF                                    | PVCF-XF                                   | -45.0*                         |
| S-188.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                      | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -45.0*                         |
| S-189.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                      | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-XF                                   | -45.0*                         |
| S-190.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -45.0*                         |
| S-191.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                      | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-XF                                   | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                                               | Base Insulation Layer                                                                             |                                       |                           | Top Insulation Layer                                                                                                                                                                                                                                                                                                                                                  |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|
|            |                                                                                                  | Type                                                                                              | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                                                                                                                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                |
| S-192.     | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete  | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                                       | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -52.5                          |
| S-193.     | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; #12 HWH Tekes 5, 6" o.c. or structural concrete  | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH                      | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                                       | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -60.0                          |
| S-194.     | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; 5/8" puddle welds 6" o.c. or structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 1.5-inch x max. 4x4 ft base insulation                                                                                                                                                                                                                                                                                                                           | OB500                                     | PVCF-OB                                   | -60.0                          |
| S-195.     | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; 5/8" puddle welds 6" o.c. or structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Optional layers of min. 1.5-inch x max. 4x4 ft base insulation followed by min. 0.25-inch x max. 4x4 ft DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch x max. 4x4 ft EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCF-OB                                   | -60.0                          |
| S-196.     | Min. 22 ga., Type B, Grade 33 steel; 6 ft span; 5/8" puddle welds 6" o.c. or structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch x max. 4x4 ft EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                            | OB500                                     | PVCF-OB                                   | -67.5                          |

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No.                | Deck<br><a href="#">(Note 1)</a>                                          | Base Insulation Layer                                                                |                                     |               | Top Insulation Layer                                                                                                                                                                  |                                         | Roof Cover <a href="#">(Note 15)</a> |         | MDP<br><a href="#">(psf)</a> |
|---------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|---------|------------------------------|
|                           |                                                                           | Type                                                                                 | Fasten<br><a href="#">(Note 11)</a> | Attach        | Type                                                                                                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply |                              |
| ASPHALT-APPLIED BASE PLY: |                                                                           |                                                                                      |                                     |               |                                                                                                                                                                                       |                                         |                                      |         |                              |
| S-197.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                              | 1 per 2.7 ft2 | Min. 0.5-inch EnergyGuard Perlite Recover Board, min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation | Hot asphalt                             | SBS-AA                               | PVCF-HA | -45.0*                       |
| S-198.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                              | 1 per 2.0 ft2 | Min. 0.5-inch EnergyGuard Perlite Recover Board or min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or Structodek High Density Fiberboard Roof Insulation             | Hot asphalt                             | SBS-AA                               | PVCF-HA | -45.0*                       |
| S-199.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                              | 1 per 2.0 ft² | Optional layers of base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                            | Hot asphalt                             | BP-AA or SBS-AA                      | PVCF-HA | -45.0*                       |
| S-200.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                              | 1 per 4.0 ft2 | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous)                                           | Hot asphalt                             | SBS-AA                               | PVCF-HA | -45.0*                       |
| S-201.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA, EnergyGuard RN                                          | Note 2                              | 1 per 4.0 ft² | Optional layers of base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                            | Hot asphalt                             | BP-AA or SBS-AA                      | PVCF-HA | -45.0*                       |
| S-202.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                              | 1 per 4.0 ft2 | Min. 0.5-inch EnergyGuard Perlite Recover Board, min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation | Hot asphalt                             | SBS-AA                               | PVCF-HA | -45.0*                       |
| S-203.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                              | 1 per 4.0 ft² | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                              | Hot asphalt                             | BP-AA or SBS-AA                      | PVCF-HA | -45.0*                       |
| S-204.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA                                                            | Note 2                              | 1 per 5.3 ft² | Optional layers of min. 1.5-inch base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                              | Hot asphalt                             | BP-AA or SBS-AA                      | PVCF-HA | -45.0*                       |

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                                                                | Base Insulation Layer                                                                                |                                       |                            | Top Insulation Layer                                                                                                                                                                                                                                                                              |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                             | MDP<br>(psf) |
|------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------|--------------|
|            |                                                                                                                   | Type                                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                     | Type                                                                                                                                                                                                                                                                                              | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                                     |              |
| S-205.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                         | Min. 2.2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                       | Note 2                                | 1 per 4.0 ft <sup>2</sup>  | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                                                                                                                                  | Hot asphalt                               | SBS-AA                                 | PVCF-HA                                                                     | -45.0*       |
| S-206.     | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RN                         | Note 2                                | 1 per 1.3 ft <sup>2</sup>  | Optional additional layers base insulation followed by min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous), min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or EnergyGuard Perlite Recover Board, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt                               | SBS-AA                                 | PVCF-HA                                                                     | -60.0        |
| S-207.     | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                         | Note 2                                | 1 per 1.45 ft <sup>2</sup> | Min. 1.0-inch EnergyGuard Perlite Roof Insulation (homogeneous)                                                                                                                                                                                                                                   | Hot asphalt                               | SBS-AA                                 | PVCF-HA                                                                     | -60.0        |
| S-208.     | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                         | Note 2                                | 1 per 1.45 ft <sup>2</sup> | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                                                                                                                                  | Hot asphalt                               | SBS-AA                                 | PVCF-HA                                                                     | -67.5        |
| S-209.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                         | Min 1.5-inch EnergyGuard RA or EnergyGuard RN                                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup>  | Optional layers of base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                        | OB500                                     | BP-AA or SBS-AA                        | PVCF-HA                                                                     | -45.0*       |
| S-210.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                         | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                         | Note 2                                | 1 per 4.0 ft <sup>2</sup>  | Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                        | Hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |
| S-211.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                         | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup>  | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                                                                                                                                  | Hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |
| S-212.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                         | Min 2-inch EnergyGuard RA or EnergyGuard RN                                                          | Note 2                                | 1 per 4.0 ft <sup>2</sup>  | Optional layers of min. 1.5-inch base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                          | OB500                                     | BP-AA or SBS-AA                        | PVCF-HA                                                                     | -45.0*       |
| S-213.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                         | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                         | Note 2                                | 1 per 4.0 ft <sup>2</sup>  | Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                        | Hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                                                               | Base Insulation Layer                                                                                          |                                       |               | Top Insulation Layer                                                                                                           |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                             | MDP<br>(psf) |
|------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------|--------------|
|            |                                                                                                                  | Type                                                                                                           | Fasten<br>( <a href="#">Note 11</a> ) | Attach        | Type                                                                                                                           | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                                     |              |
| S-214.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN | Note 2                                | 1 per 1.3 ft² | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                | OB500                                     | SBS-AA                                 | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0        |
| S-215.     | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete  | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                   | Note 2                                | 1 per 2.0 ft² | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                               | Hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0        |
| S-216.     | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete  | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                   | Note 2                                | 1 per 1.6 ft² | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                | Hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0        |
| S-217.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min 1.5-inch EnergyGuard RA                                                                                    | Note 2                                | 1 per 2.0 ft² | Optional layers of base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board               | LRF-XF                                    | BP-AA or SBS-AA                        | PVCF-HA                                                                     | -45.0*       |
| S-218.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 4.0 ft² | Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board               | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |
| S-219.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min 2-inch EnergyGuard RA                                                                                      | Note 2                                | 1 per 4.0 ft² | Optional layers of min. 1.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | BP-AA or SBS-AA                        | PVCF-HA                                                                     | -45.0*       |
| S-220.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 4.0 ft² | Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board               | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |
| S-221.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 1.3 ft² | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                | LRF-XF                                    | SBS-AA                                 | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0        |
| S-222.     | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete  | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 2.0 ft² | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                               | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0        |

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No.                     | Deck<br>( <a href="#">Note 1</a> )                                                                                 | Base Insulation Layer                                                                                          |                                       |                           | Top Insulation Layer                                                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                             | MDP<br>(psf) |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------|--------------|
|                                |                                                                                                                    | Type                                                                                                           | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                                     |              |
| S-223.                         | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete  | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                            | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0        |
| <b>TORCH-APPLIED BASE PLY:</b> |                                                                                                                    |                                                                                                                |                                       |                           |                                                                                                                            |                                           |                                        |                                                                             |              |
| S-224.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                          | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                 | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt or OB500                      | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |
| S-225.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                          | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt or OB500                      | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |
| S-226.                         | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                            | OB500                                     | SBS-AA or SBS-TA                       | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0        |
| S-227.                         | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete  | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                   | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                           | Hot asphalt or OB500                      | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0        |
| S-228.                         | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete  | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                   | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                            | Hot asphalt or OB500                      | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0        |
| S-229.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                          | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                   | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board           | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |
| S-230.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                          | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board           | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No.                     | Deck<br>( <a href="#">Note 1</a> )                                                                                 | Base Insulation Layer                                                                                          |                                       |                           | Top Insulation Layer                             |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                             | MDP<br>( <a href="#">psf</a> ) |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|--------------------------------------------------|-------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------|--------------------------------|
|                                |                                                                                                                    | Type                                                                                                           | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                             | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                                     |                                |
| S-231.                         | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board  | LRF-XF                                    | SBS-AA or SBS-TA                       | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0                          |
| S-232.                         | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete  | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                          |
| S-233.                         | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete  | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board  | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                          |
| <b>SELF-ADHERING BASE PLY:</b> |                                                                                                                    |                                                                                                                |                                       |                           |                                                  |                                           |                                        |                                                                             |                                |
| S-234.                         | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board  | OB500                                     | SBS-SA                                 | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0                          |
| S-235.                         | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board  | LRF-XF                                    | SBS-SA                                 | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0                          |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                             | Deck<br>( <a href="#">Note 1</a> )     | Thermal Barrier                                             |                                                                                |               | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                          |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | <a href="#">MDP</a><br>( <a href="#">psf</a> ) |
|--------------------------------------------------------|----------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|------------------------------------------------|
|                                                        |                                        | Type                                                        | Fasten ( <a href="#">Note 11</a> )                                             | Attach        |                                                                                                                                                                   | Type                                                                                                                                                                                                                                                                                                                                                                                                                         | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                                |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                        |                                                             |                                                                                |               |                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                           |                                                |
| S-236.                                                 | Min. 22 ga.,<br>Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft² | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                                                                                                                                                                                                                                                                               | OB500                                     | PVC1-BA                                   | -45.0                                          |
| S-237.                                                 | Min. 22 ga.,<br>Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft² | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN followed by Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                                                                                     | OB500                                     | PVC1-BA                                   | -45.0*                                         |
| S-238.                                                 | Min. 22 ga.,<br>Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft² | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                                   | OB500                                     | PVC1-BA                                   | -45.0*                                         |
| S-239.                                                 | Min. 22 ga.,<br>Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft² | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard RH followed by Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                     | OB500                                     | PVC1-BA                                   | -45.0*                                         |
| S-240.                                                 | Min. 22 ga.,<br>Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft² | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC1-BA                                   | -45.0*                                         |
| S-241.                                                 | Min. 22 ga.,<br>Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft² | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC1-BA                                   | -45.0*                                         |

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                 | Deck<br>(Note 1)                                                                   | Thermal Barrier                                                         |                                                                             |                              | Vapor Barrier                                                                                                                                                                       | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------|--------------|
|                                                                                            |                                                                                    | Type                                                                    | Fasten (Note 11)                                                            | Attach                       |                                                                                                                                                                                     | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Attach<br>(Notes 6,7,8)    |                         |              |
| S-242.                                                                                     | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA<br>Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof<br>Board or min. 0.5-inch EnergyGuard HD Polyiso Cover<br>Board or EnergyGuard HD Plus Polyiso Cover Board or<br>min. 1.5-inch EnergyGuard Polyiso-HD Composite<br>Insulation or Ultra HD Composite Insulation                                                 | LRF-M, LRF-<br>XF or OB500 | PVC1-BA                 | -45.0*       |
| S-243.                                                                                     | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                                                         | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA<br>Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof<br>Board or min. 0.5-inch EnergyGuard HD Polyiso Cover<br>Board or EnergyGuard HD Plus Polyiso Cover Board or<br>min. 1.5-inch EnergyGuard Polyiso-HD Composite<br>Insulation or Ultra HD Composite Insulation                                                 | LRF-M, LRF-<br>XF or OB500 | PVC1-BA                 | -45.0*       |
| S-244.                                                                                     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Tek 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder                                          | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA<br>Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof<br>Board or min. 0.5-inch EnergyGuard HD Polyiso Cover<br>Board or EnergyGuard HD Plus Polyiso Cover Board or<br>min. 1.5-inch EnergyGuard Polyiso-HD Composite<br>Insulation or Ultra HD Composite Insulation                                                 | LRF-M, LRF-<br>XF or OB500 | PVC1-BA                 | -67.5        |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:</b> |                                                                                    |                                                                         |                                                                             |                              |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                         |              |
| S-245.                                                                                     | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | Min. 0.5-inch<br>SECUROCK<br>Gypsum-Fiber<br>Roof Board                 | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                                              | One or more layers, any combination, min. 1.5-inch<br>EnergyGuard Polyiso Insulation, EnergyGuard Ultra<br>Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or<br>EnergyGuard RN, min. 0.25-inch DensDeck Prime, DEXcell<br>FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof<br>Board or SECUROCK Ultralight Coated Glass-Mat Roof<br>Board and/or min. 0.5-inch EnergyGuard HD Polyiso Cover<br>Board or EnergyGuard HD Plus Polyiso Cover Board or<br>min. 1.5-inch EnergyGuard Polyiso-HD Composite<br>Insulation or Ultra HD Composite Insulation | OB500                      | PVC2-BA                 | -45.0*       |

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )        | Thermal Barrier                                                         |                                                                                        |                  | Vapor Barrier                                                                                                                                                                       | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|-------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                           | Type                                                                    | Fasten ( <a href="#">Note 11</a> )                                                     | Attach           |                                                                                                                                                                                     | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-246.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | Min. 0.625-inch<br>DensDeck                                             | Note 2<br>( <i>Drill-Tec 3 in. Ribbed<br/>Galvalume Plate (Flat)<br/>may be used</i> ) | 1 per<br>4.0 ft² | Two plies GAFGLAS Ply 4 or<br>GAFGLAS Ply 4 M, applied in<br>hot asphalt                                                                                                            | Min. 1.5-inch EnergyGuard RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | hot asphalt or<br>OB500                   | PVC2-BA                                   | -45.0*       |
| S-247.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed<br/>Galvalume Plate (Flat)<br/>may be used</i> ) | 1 per<br>4.0 ft² | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or<br>EnergyGuard RN<br>(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA<br>Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof<br>Board or SECUROCK Ultralight Coated Glass-Mat Roof<br>Board or min. 0.5-inch EnergyGuard HD Polyiso Cover<br>Board or EnergyGuard HD Plus Polyiso Cover Board or<br>min. 1.5-inch EnergyGuard Polyiso-HD Composite<br>Insulation or Ultra HD Composite Insulation | LRF-M or<br>OB500                         | PVC2-BA                                   | -45.0*       |
| S-248.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed<br/>Galvalume Plate (Flat)<br/>may be used</i> ) | 1 per<br>4.0 ft² | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                                                         | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or<br>EnergyGuard RN<br>(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA<br>Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof<br>Board or SECUROCK Ultralight Coated Glass-Mat Roof<br>Board or min. 0.5-inch EnergyGuard HD Polyiso Cover<br>Board or EnergyGuard HD Plus Polyiso Cover Board or<br>min. 1.5-inch EnergyGuard Polyiso-HD Composite<br>Insulation or Ultra HD Composite Insulation | LRF-M or<br>OB500                         | PVC2-BA                                   | -45.0*       |
| S-249.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed<br/>Galvalume Plate (Flat)<br/>may be used</i> ) | 1 per<br>4.0 ft² | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA<br>Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof<br>Board or min. 0.5-inch EnergyGuard HD Polyiso Cover<br>Board or EnergyGuard HD Plus Polyiso Cover Board or<br>min. 1.5-inch EnergyGuard Polyiso-HD Composite<br>Insulation or Ultra HD Composite Insulation                                                                          | LRF-XF                                    | PVC2-BA                                   | -45.0*       |



**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                            | Deck<br>(Note 1)                                                                   | Thermal Barrier                                                         |                                                                             |                              | Vapor Barrier                                                                                                                                                                       | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------|--------------|
|                                                                       |                                                                                    | Type                                                                    | Fasten (Note 11)                                                            | Attach                       |                                                                                                                                                                                     | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Attach<br>(Notes 6,7,8)    |                         |              |
| S-250.                                                                | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                                                         | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA<br>Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof<br>Board or min. 0.5-inch EnergyGuard HD Polyiso Cover<br>Board or EnergyGuard HD Plus Polyiso Cover Board or<br>min. 1.5-inch EnergyGuard Polyiso-HD Composite<br>Insulation or Ultra HD Composite Insulation | LRF-XF                     | PVC2-BA                 | -45.0*       |
| S-251.                                                                | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Tek 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder                                          | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard<br>HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso<br>Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD<br>Composite Insulation or Ultra HD Composite Insulation                                     | LRF-M, LRF-<br>XF or OB500 | PVC2-BA                 | -67.5        |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                                    |                                                                         |                                                                             |                              |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                         |              |
| S-252.                                                                | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | Min. 0.5-inch<br>SECUROCK<br>Gypsum-Fiber<br>Roof Board                 | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                                              | One or more layers, any combination, min. 1.5-inch<br>EnergyGuard Polyiso Insulation, EnergyGuard RA, min.<br>0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber<br>Roof Board and/or min. 0.5-inch EnergyGuard HD Polyiso<br>Cover Board or EnergyGuard HD Plus Polyiso Cover Board<br>or min. 1.5-inch EnergyGuard Polyiso-HD Composite<br>Insulation or Ultra HD Composite Insulation                                                                                                                    | OB500                      | PVC2-QL                 | -45.0*       |
| S-253.                                                                | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | Min. 0.625-inch<br>DensDeck                                             | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | Two plies GAFGLAS Ply 4 or<br>GAFGLAS Ply 4 M applied in<br>hot asphalt                                                                                                             | Min. 1.5-inch EnergyGuard RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | hot asphalt or<br>OB500    | PVC2-QL                 | -45.0*       |
| S-254.                                                                | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard RN<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard<br>HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso<br>Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD<br>Composite Insulation or Ultra HD Composite Insulation                                                                                              | LRF-M or<br>OB500          | PVC2-QL                 | -45.0*       |

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)                                                                   | Thermal Barrier                                                         |                                                                             |                              | Vapor Barrier                                                                                                                                                                       | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------|--------------|
|            |                                                                                    | Type                                                                    | Fasten (Note 11)                                                            | Attach                       |                                                                                                                                                                                     | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Attach<br>(Notes 6,7,8)    |                         |              |
| S-255.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                                                         | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard RN<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard<br>HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso<br>Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD<br>Composite Insulation or Ultra HD Composite Insulation                                                          | LRF-M or<br>OB500          | PVC2-QL                 | -45.0*       |
| S-256.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard<br>HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso<br>Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD<br>Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-<br>XF or OB500 | PVC2-QL                 | -45.0*       |
| S-257.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                                                         | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard<br>HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso<br>Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD<br>Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-<br>XF or OB500 | PVC2-QL                 | -45.0*       |
| S-258.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Tek 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder                                          | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-<br>Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso<br>Cover Board or EnergyGuard HD Plus Polyiso Cover Board<br>or min. 1.5-inch EnergyGuard Polyiso-HD Composite<br>Insulation or Ultra HD Composite Insulation           | LRF-M, LRF-<br>XF or OB500 | PVC2-QL                 | -60.0        |
| S-259.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Tek 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder                                          | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                                                                                                          | LRF-M, LRF-<br>XF or OB500 | PVC2-QL                 | -67.5        |

**EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:**

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )        | Thermal Barrier                                                         |                                                                                        |                              | Vapor Barrier                                                                                                                                                                       | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|-------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                           | Type                                                                    | Fasten ( <a href="#">Note 11</a> )                                                     | Attach                       |                                                                                                                                                                                     | Type                                                                                                                                                                                                                                                                                                                                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-260.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | Min. 0.5-inch<br>SECUROCK<br>Gypsum-Fiber<br>Roof Board                 | Note 2<br>( <i>Drill-Tec 3 in. Ribbed<br/>Galvalume Plate (Flat)<br/>may be used</i> ) | 1 per<br>2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                                              | One or more layers, any combination, min. 1.5-inch<br>EnergyGuard Polyiso Insulation, EnergyGuard RA, min.<br>0.25-inch DensDeck Prime and/or min. 0.5-inch<br>EnergyGuard HD Polyiso Cover Board or EnergyGuard HD<br>Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard<br>Polyiso-HD Composite Insulation or Ultra HD Composite<br>Insulation                                                                                | OB500                                     | PVC1-QS or<br>PVC2-QS                     | -45.0*       |
| S-261.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | Min. 0.625-inch<br>DensDeck                                             | Note 2<br>( <i>Drill-Tec 3 in. Ribbed<br/>Galvalume Plate (Flat)<br/>may be used</i> ) | 1 per<br>4.0 ft <sup>2</sup> | Two plies GAFGLAS Ply 4 or<br>GAFGLAS Ply 4 M applied in<br>hot asphalt                                                                                                             | Min. 1.5-inch EnergyGuard RA                                                                                                                                                                                                                                                                                                                                                                                                       | hot asphalt or<br>OB500                   | PVC1-QS or<br>PVC2-QS                     | -45.0*       |
| S-262.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed<br/>Galvalume Plate (Flat)<br/>may be used</i> ) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard RN<br>Min. 0.25-inch DensDeck Prime or min. 0.5-inch<br>EnergyGuard HD Polyiso Cover Board or EnergyGuard HD<br>Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard<br>Polyiso-HD Composite Insulation or Ultra HD Composite<br>Insulation                                                                     | LRF-M or<br>OB500                         | PVC1-QS or<br>PVC2-QS                     | -45.0*       |
| S-263.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed<br/>Galvalume Plate (Flat)<br/>may be used</i> ) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                                                         | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard RN<br>Min. 0.25-inch DensDeck Prime or min. 0.5-inch<br>EnergyGuard HD Polyiso Cover Board or EnergyGuard HD<br>Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard<br>Polyiso-HD Composite Insulation or Ultra HD Composite<br>Insulation                                                                     | LRF-M or<br>OB500                         | PVC1-QS or<br>PVC2-QS                     | -45.0*       |
| S-264.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed<br/>Galvalume Plate (Flat)<br/>may be used</i> ) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or min. 0.5-inch<br>EnergyGuard HD Polyiso Cover Board or EnergyGuard HD<br>Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard<br>Polyiso-HD Composite Insulation or Ultra HD Composite<br>Insulation | LRF-M, LRF-<br>XF or OB500                | PVC1-QS or<br>PVC2-QS                     | -45.0*       |

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                       | Deck<br>(Note 1)                                                                   | Thermal Barrier                                                         |                                                                             |                              | Vapor Barrier                                                                                                                              | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                |                            | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|--------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------|--------------|
|                                                  |                                                                                    | Type                                                                    | Fasten (Note 11)                                                            | Attach                       |                                                                                                                                            | Type                                                                                                                                                                                                                                                                                                                                                                                                                               | Attach<br>(Notes 6,7,8)    |                         |              |
| S-265.                                           | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or min. 0.5-inch<br>EnergyGuard HD Polyiso Cover Board or EnergyGuard HD<br>Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard<br>Polyiso-HD Composite Insulation or Ultra HD Composite<br>Insulation | LRF-M, LRF-<br>XF or OB500 | PVC1-QS or<br>PVC2-QS   | -45.0*       |
| S-266.                                           | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Tek 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>Min. 0.25-inch DensDeck Prime or min. 0.5-inch<br>EnergyGuard HD Polyiso Cover Board or EnergyGuard HD<br>Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard<br>Polyiso-HD Composite Insulation or Ultra HD Composite<br>Insulation            | LRF-M, LRF-<br>XF or OB500 | PVC1-QS or<br>PVC2-QS   | -60.0        |
| S-267.                                           | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Tek 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                                                                      | LRF-M, LRF-<br>XF or OB500 | PVC1-QS or<br>PVC2-QS   | -67.5        |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b> |                                                                                    |                                                                         |                                                                             |                              |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            |                         |              |
| S-268.                                           | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | Min. 0.5-inch<br>SECUROCK<br>Gypsum-Fiber<br>Roof Board                 | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                     | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or<br>EnergyGuard RN                                                                                                                                                                                                                                                                                                                                                                  | OB500                      | PVCX-WB                 | -45.0*       |
| S-269.                                           | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | Min. 0.5-inch<br>SECUROCK<br>Gypsum-Fiber<br>Roof Board                 | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                     | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or<br>EnergyGuard RN followed by min. 0.25-inch DensDeck<br>Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                 | OB500                      | PVCX-WB                 | -45.0*       |
| S-270.                                           | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | Min. 0.5-inch<br>SECUROCK<br>Gypsum-Fiber<br>Roof Board                 | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                     | Min. 1.5-inch EnergyGuard RH followed by Min. 0.5-inch<br>EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD<br>Polyiso Cover Board or EnergyGuard HD Plus Polyiso<br>Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD<br>Composite Insulation or Ultra HD Composite Insulation                                                                                                                                               | OB500                      | PVCX-WB                 | -45.0*       |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)                          | Thermal Barrier                                                         |                                                                             |                              | Vapor Barrier                                                                                                                                                                       | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            | Roof Cover<br>(Note 15)                                                 | MDP<br>(psf) |
|------------|-------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------|--------------|
|            |                                           | Type                                                                    | Fasten (Note 11)                                                            | Attach                       |                                                                                                                                                                                     | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Attach<br>(Notes 6,7,8)    |                                                                         |              |
| S-271.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard<br>HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso<br>Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD<br>Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-<br>XF or OB500 | PVCX-WB,<br>PVCX-LM (12-<br>inch o.c.) or<br>PVCX-LO (12-<br>inch o.c.) | -45.0*       |
| S-272.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                             | LRF-M, LRF-<br>XF or OB500 | PVCX-LM (12-<br>inch o.c.)                                              | -45.0*       |
| S-273.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                                                         | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard<br>HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso<br>Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD<br>Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-<br>XF or OB500 | PVCX-WB,<br>PVCX-LM (12-<br>inch o.c.) or<br>PVCX-LO (12-<br>inch o.c.) | -45.0*       |
| S-274.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                                                         | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                             | LRF-M, LRF-<br>XF or OB500 | PVCX-LM (12-<br>inch o.c.)                                              | -45.0*       |
| S-275.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board                                                                                                                                                                                                       | LRF-M, LRF-<br>XF or OB500 | PVCX-OB                                                                 | -45.0*       |
| S-276.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                                                         | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board                                                                                                                                                                                                       | LRF-M, LRF-<br>XF or OB500 | PVCX-OB                                                                 | -45.0*       |



**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                    | Deck<br>(Note 1)                                                        | Thermal Barrier                                                    |                                                                       |                           | Vapor Barrier                                                                                                                  | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                      |                         | Roof Cover<br>(Note 15)                                   | MDP<br>(psf) |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------|--------------|
|                                                                               |                                                                         | Type                                                               | Fasten (Note 11)                                                      | Attach                    |                                                                                                                                | Type                                                                                                                                                                                                                                                                                                                                                                                                     | Attach<br>(Notes 6,7,8) |                                                           |              |
| S-277.                                                                        | Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH TekS 5, 6" o.c. | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                                                | LRF-M, LRF-XF or OB500  | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)          | -60.0        |
| S-278.                                                                        | Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH TekS 5, 6" o.c. | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                                                                                                        | LRF-M, LRF-XF or OB500  | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)          | -60.0        |
| S-279.                                                                        | Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH TekS 5, 6" o.c. | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                      | LRF-M, LRF-XF or OB500  | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)<br>PVCX-OB | -67.5        |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                                                                         |                                                                    |                                                                       |                           |                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                          |                         |                                                           |              |
| S-280.                                                                        | Min. 22 ga., Type B, Grade 33 steel                                     | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                | 1 per 4.0 ft <sup>2</sup> | One or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M or SBS-AA                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN followed by optional min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt             | PVCF-HA                                                   | -45.0*       |
| S-281.                                                                        | Min. 22 ga., Type B, Grade 33 steel                                     | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                     | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                         | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                                                                                                                                                                                     | OB500                   | PVCF-WB                                                   | -45.0*       |
| S-282.                                                                        | Min. 22 ga., Type B, Grade 33 steel                                     | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                     | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                         | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                       | OB500                   | PVCF-WB                                                   | -45.0*       |
| S-283.                                                                        | Min. 22 ga., Type B, Grade 33 steel                                     | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                     | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                         | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                                                                                                                                                                                     | OB500                   | PVCF-LM or PVCF-LO, 12-inch o.c.                          | -45.0*       |



**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)                          | Thermal Barrier                                                         |                                                                             |                              | Vapor Barrier                                                                                                                                                                       | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            | Roof Cover<br>(Note 15)                                                             | MDP<br>(psf) |
|------------|-------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|--------------|
|            |                                           | Type                                                                    | Fasten (Note 11)                                                            | Attach                       |                                                                                                                                                                                     | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Attach<br>(Notes 6,7,8)    |                                                                                     |              |
| S-284.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | Min. 0.5-inch<br>SECUROCK<br>Gypsum-Fiber<br>Roof Board                 | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation,<br>EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA,<br>EnergyGuard RH or EnergyGuard RN followed by min.<br>0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                              | OB500                      | PVCF-LM or<br>PVCF-LO, 12-<br>inch o.c.                                             | -45.0*       |
| S-285.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | Min. 0.5-inch<br>SECUROCK<br>Gypsum-Fiber<br>Roof Board                 | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation,<br>EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA,<br>EnergyGuard RH or EnergyGuard RN followed by min.<br>0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                                                               | OB500                      | PVCF-LM, 12-<br>inch o.c.                                                           | -45.0*       |
| S-286.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | Min. 0.5-inch<br>SECUROCK<br>Gypsum-Fiber<br>Roof Board                 | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation,<br>EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA,<br>EnergyGuard RH or EnergyGuard RN followed by min.<br>0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                                | OB500                      | PVCF-LO, 12-<br>inch o.c.                                                           | -45.0*       |
| S-287.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board                                                                                                                                                                                                       | LRF-M, LRF-<br>XF or OB500 | PVCF-WB                                                                             | -45.0*       |
| S-288.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                                                         | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board                                                                                                                                                                                                       | LRF-M, LRF-<br>XF or OB500 | PVCF-WB                                                                             | -45.0*       |
| S-289.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard<br>HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso<br>Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD<br>Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-<br>XF or OB500 | PVCF-LM (12-<br>inch o.c.),<br>PVCF-LO (12-<br>inch o.c.),<br>PVCF-XF or<br>PVCF-OB | -45.0*       |
| S-290.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive,<br>EverGuard TPO Quick Spray<br>Adhesive LV50 or Matrix 307<br>Premium Asphalt Primer<br>followed by GAF SA Vapor<br>Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                             | LRF-M, LRF-<br>XF or OB500 | PVCF-LM (12-<br>inch o.c.) or<br>PVCF-XF                                            | -45.0*       |

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)                                                                   | Thermal Barrier                                                         |                                                                             |                              | Vapor Barrier                                                                                                                              | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            | Roof Cover<br>(Note 15)                                                             | MDP<br>(psf) |
|------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|--------------|
|            |                                                                                    | Type                                                                    | Fasten (Note 11)                                                            | Attach                       |                                                                                                                                            | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Attach<br>(Notes 6,7,8)    |                                                                                     |              |
| S-291.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard<br>HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso<br>Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD<br>Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-<br>XF or OB500 | PVCF-LM (12-<br>inch o.c.),<br>PVCF-LO (12-<br>inch o.c.),<br>PVCF-XF or<br>PVCF-OB | -45.0*       |
| S-292.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel                                          | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>(Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                             | LRF-M, LRF-<br>XF or OB500 | PVCF-LM (12-<br>inch o.c.) or<br>PVCF-XF                                            | -45.0*       |
| S-293.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Tek 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>followed by Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                             | LRF-M, LRF-<br>XF or OB500 | PVCF-WB                                                                             | -52.5        |
| S-294.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Tek 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>followed by Min. 0.5-inch EnergyGuard HD Polyiso Cover<br>Board or EnergyGuard HD Plus Polyiso Cover Board or<br>min. 1.5-inch EnergyGuard Polyiso-HD Composite<br>Insulation or Ultra HD Composite Insulation                                                                        | LRF-M, LRF-<br>XF or OB500 | PVCF-LM (4-<br>inch o.c.) or<br>PVCF-LO (4-<br>inch o.c.)                           | -52.5        |
| S-295.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Tek 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>followed by Min. 0.5-inch EnergyGuard HD Polyiso Cover<br>Board or EnergyGuard HD Plus Polyiso Cover Board or<br>min. 1.5-inch EnergyGuard Polyiso-HD Composite<br>Insulation or Ultra HD Composite Insulation                                                                        | LRF-M, LRF-<br>XF or OB500 | PVCF-XF                                                                             | -52.5        |
| S-296.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Tek 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                                                                                                        | LRF-M, LRF-<br>XF or OB500 | PVCF-LM (12-<br>inch o.c.) or<br>PVCF-LO (12-<br>inch o.c.)                         | -60.0        |

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>(Note 1)                                                                    | Thermal Barrier                                                         |                                                                             |                              | Vapor Barrier                                                                                                                              | Insulation Layer(s)                                                                                                                                                                                                                             |                            | Roof Cover<br>(Note 15)                                     | MDP<br>(psf) |
|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|--------------|
|            |                                                                                     | Type                                                                    | Fasten (Note 11)                                                            | Attach                       |                                                                                                                                            | Type                                                                                                                                                                                                                                            | Attach<br>(Notes 6,7,8)    |                                                             |              |
| S-297.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Teks 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>followed by Min. 0.25-inch DensDeck Prime                      | LRF-M, LRF-<br>XF or OB500 | PVCF-LM (12-<br>inch o.c.) or<br>PVCF-LO (12-<br>inch o.c.) | -60.0        |
| S-298.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Teks 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                   | LRF-M, LRF-<br>XF or OB500 | PVCF-XF or<br>PVCF-OB                                       | -60.0        |
| S-299.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Teks 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof<br>Board | LRF-M, LRF-<br>XF or OB500 | PVCF-WB                                                     | -67.5        |
| S-300.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Teks 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation                                                                                                         | LRF-M, LRF-<br>XF or OB500 | PVCF-LM (4-<br>inch o.c.) or<br>PVCF-LO (4-<br>inch o.c.)   | -67.5        |
| S-301.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Teks 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof<br>Board | LRF-M, LRF-<br>XF or OB500 | PVCF-LM (4-<br>inch o.c.) or<br>PVCF-LO (4-<br>inch o.c.)   | -67.5        |
| S-302.     | Min. 22 ga.,<br>Type B, Grade<br>33 steel; 6 ft<br>span, #12 HWH<br>Teks 5, 6" o.c. | 0.5-inch DensDeck<br>Prime or<br>SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed<br>Galvalume Plate (Flat)<br>may be used) | 1 per<br>2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional<br>subsequent layer(s) min. 1.5-inch thick EnergyGuard<br>Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br>followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof<br>Board | LRF-M, LRF-<br>XF or OB500 | PVCF-XF                                                     | -67.5        |

**TABLE 2E: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED BASE PLY, BONDED CAP PLY**

| System No.                | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                                    |                                                                                |               | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                |                                           | Roof Cover ( <a href="#">Note 15</a> )                                           |                                                                    | MDP<br>( <a href="#">psf</a> ) |
|---------------------------|-------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------|
|                           |                                     | Type                                                               | Fasten<br>( <a href="#">Note 11</a> )                                          | Attach        |                                                                                                                                                                   | Type                                                                                                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                                                                         | Cap Ply                                                            |                                |
| ASPHALT-APPLIED BASE PLY: |                                     |                                                                    |                                                                                |               |                                                                                                                                                                   |                                                                                                                                                                                                    |                                           |                                                                                  |                                                                    |                                |
| S-303.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft² | One or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M in hot asphalt or SBS-AA                                                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt                               | SBS-AA                                                                           | PVCF-HA                                                            | -45.0*                         |
| S-304.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft² | One or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M in hot asphalt or SBS-AA                                                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN                                                                               | hot asphalt                               | GAFGLAS Stratavent Perforated Venting Base Sheet / loose laid followed by SBS-AA | PVCF-HA                                                            | -45.0*                         |
| TORCH-APPLIED BASE PLY:   |                                     |                                                                    |                                                                                |               |                                                                                                                                                                   |                                                                                                                                                                                                    |                                           |                                                                                  |                                                                    |                                |
| S-305.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft² | SBS-TA                                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | SBS-TA                                                                           | PVCF-LM or PVCF-LO, 12-inch o.c.                                   | -45.0*                         |
| S-306.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft² | SBS-TA                                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                 | LRF-XF                                    | SBS-TA                                                                           | PVCF-LM or PVCF-LO, 12-inch o.c.                                   | -45.0*                         |
| S-307.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft² | SBS-TA                                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | SBS-TA                                                                           | PVCF-XF or PVCF-OB                                                 | -45.0*                         |
| S-308.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft² | SBS-TA                                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                 | LRF-XF                                    | SBS-TA                                                                           | PVCF-XF or PVCF-OB                                                 | -45.0*                         |
| S-309.                    | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft² | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board    | LRF-M or OB500                            | SBS-TA                                                                           | PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                         |

**TABLE 2E: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED BASE PLY, BONDED CAP PLY**

| System No. | Deck<br><a href="#">(Note 1)</a>                                                           | Thermal Barrier                                                         |                                                                                              |                              | Vapor Barrier                                                                                                                                                                    | Insulation Layer(s)                                                                                                                                                                                                                                                   |                                         | Roof Cover <a href="#">(Note 15)</a> |                                                                                     | MDP<br><a href="#">(psf)</a> |
|------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------|------------------------------|
|            |                                                                                            | Type                                                                    | Fasten<br><a href="#">(Note 11)</a>                                                          | Attach                       |                                                                                                                                                                                  | Type                                                                                                                                                                                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                                                             |                              |
| S-310.     | Min. 22 ga.,<br>Type B,<br>Grade 33<br>steel                                               | 0.5-inch<br>DensDeck Prime<br>or SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br><i>(Drill-Tec 3 in.<br/>Ribbed<br/>Galvalume<br/>Plate (Flat)<br/>may be used)</i> | 1 per 4.0<br>ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                                                      | One or more layers, base layer min. 1-inch<br>thick, optional subsequent layer(s) min. 1.5-<br>inch thick EnergyGuard RN followed by Min.<br>0.25-inch DensDeck Prime or SECUROCK<br>Gypsum-Fiber Roof Board                                                          | LRF-M or<br>OB500                       | SBS-TA                               | PVCF-LM (12-<br>inch o.c.),<br>PVCF-LO (12-<br>inch o.c.),<br>PVCF-XF or<br>PVCF-OB | -45.0*                       |
| S-311.     | Min. 22 ga.,<br>Type B,<br>Grade 33<br>steel                                               | 0.5-inch<br>DensDeck Prime<br>or SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br><i>(Drill-Tec 3 in.<br/>Ribbed<br/>Galvalume<br/>Plate (Flat)<br/>may be used)</i> | 1 per 4.0<br>ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive, EverGuard<br>TPO Quick Spray Adhesive LV50<br>or Matrix 307 Premium Asphalt<br>Primer followed by GAF SA<br>Vapor Retarder | One or more layers, base layer min. 1-inch<br>thick, optional subsequent layer(s) min. 1.5-<br>inch thick EnergyGuard Polyiso Insulation,<br>EnergyGuard Ultra Polyiso Insulation followed<br>by Min. 0.25-inch DensDeck Prime or<br>SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-<br>XF or OB500              | SBS-TA                               | PVCF-LM (12-<br>inch o.c.),<br>PVCF-LO (12-<br>inch o.c.),<br>PVCF-XF or<br>PVCF-OB | -45.0*                       |
| S-312.     | Min. 22 ga.,<br>Type B,<br>Grade 33<br>steel                                               | 0.5-inch<br>DensDeck Prime<br>or SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br><i>(Drill-Tec 3 in.<br/>Ribbed<br/>Galvalume<br/>Plate (Flat)<br/>may be used)</i> | 1 per 4.0<br>ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-<br>adhering                                                                                                                                      | One or more layers, base layer min. 1-inch<br>thick, optional subsequent layer(s) min. 1.5-<br>inch thick EnergyGuard Polyiso Insulation,<br>EnergyGuard Ultra Polyiso Insulation followed<br>by Min. 0.25-inch DensDeck Prime or<br>SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-<br>XF or OB500              | SBS-TA                               | PVCF-LM (12-<br>inch o.c.),<br>PVCF-LO (12-<br>inch o.c.),<br>PVCF-XF or<br>PVCF-OB | -45.0*                       |
| S-313.     | Min. 22 ga.,<br>Type B,<br>Grade 33<br>steel; 6 ft<br>span, #12<br>HWH Tekes<br>5, 6" o.c. | 0.5-inch<br>DensDeck Prime<br>or SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br><i>(Drill-Tec 3 in.<br/>Ribbed<br/>Galvalume<br/>Plate (Flat)<br/>may be used)</i> | 1 per 2.0<br>ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder                                       | One or more layers, base layer min. 1-inch<br>thick, optional subsequent layer(s) min. 1.5-<br>inch thick EnergyGuard Polyiso Insulation,<br>EnergyGuard Ultra Polyiso Insulation followed<br>by Min. 0.25-inch DensDeck Prime or<br>SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-<br>XF or OB500              | SBS-TA                               | PVCF-LM (12-<br>inch o.c.) or<br>PVCF-LO (12-<br>inch o.c.) or<br>PVCF-XF           | -60.0                        |
| S-314.     | Min. 22 ga.,<br>Type B,<br>Grade 33<br>steel; 6 ft<br>span, #12<br>HWH Tekes<br>5, 6" o.c. | 0.5-inch<br>DensDeck Prime<br>or SECUROCK<br>Gypsum Fiber<br>Roof Board | Note 2<br><i>(Drill-Tec 3 in.<br/>Ribbed<br/>Galvalume<br/>Plate (Flat)<br/>may be used)</i> | 1 per 2.0<br>ft <sup>2</sup> | GAF SA Primer, EverGuard TPO<br>Quick Spray Adhesive or<br>EverGuard TPO Quick Spray<br>Adhesive LV50 followed by GAF<br>SA Vapor Retarder                                       | One or more layers, base layer min. 1-inch<br>thick, optional subsequent layer(s) min. 1.5-<br>inch thick EnergyGuard Polyiso Insulation,<br>EnergyGuard Ultra Polyiso Insulation followed<br>by Min. 0.25-inch DensDeck Prime or<br>SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-<br>XF or OB500              | SBS-TA                               | PVCF-LM (4-<br>inch o.c.) or<br>PVCF-LO (4-<br>inch o.c.) or<br>PVCF-XF             | -67.5                        |



**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

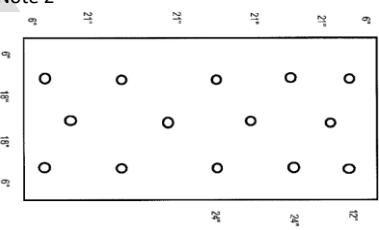
| System No.                                             | Deck‡ <a href="#">(Note 1)</a>                                                         | Base Insulation Layer <a href="#">(Note 13)</a>    | Top Insulation Layer                                                                                                                                             |                                                                                                                                              |                                              | Roof Cover <a href="#">(Note 15)</a> | <a href="#">MDP</a> <a href="#">(psf)</a> |
|--------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------|-------------------------------------------|
|                                                        |                                                                                        |                                                    | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach                                       |                                      |                                           |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                                                                        |                                                    |                                                                                                                                                                  |                                                                                                                                              |                                              |                                      |                                           |
| S-315.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination     | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                   | Note 2                                                                                                                                       | 1 per 2.0 ft²                                | PVC1-BA                              | -45.0*                                    |
| S-316.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination     | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                       | 1 per 2.0 ft²                                | PVC1-BA                              | -45.0*                                    |
| S-317.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                     | Note 2                                                                                                                                       | 1 per 4.0 ft²                                | PVC1-BA                              | -45.0*                                    |
| S-318.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft²                                | PVC1-BA                              | -45.0*                                    |
| S-319.                                                 | Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c. or structural concrete | (Optional) One or more layers, any combination     | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2<br>                                               | 1 per 2.3 ft²<br>(14 parts per 4x8 ft board) | PVC1-BA                              | -45.0                                     |
| S-320.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination     | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                                                                                                                                       | 1 per 2.0 ft²                                | PVC1-BA                              | -45.0*                                    |
| S-321.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination     | Min. 0.5-inch DensDeck Prime                                                                                                                                     | Note 2                                                                                                                                       | 1 per 3.2 ft²                                | PVC1-BA                              | -45.0*                                    |
| S-322.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination     | Min. 0.625-inch DensDeck Prime                                                                                                                                   | Note 2                                                                                                                                       | 1 per 4.0 ft²                                | PVC1-BA                              | -45.0*                                    |
| S-323.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                                                                                                                                       | 1 per 2.0 ft²                                | PVC1-BA                              | -45.0*                                    |
| S-324.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | One or more layers, any combination, min. 1.5-inch | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                | Note 2                                                                                                                                       | 1 per 2.0 ft²                                | PVC1-BA                              | -45.0*                                    |



**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

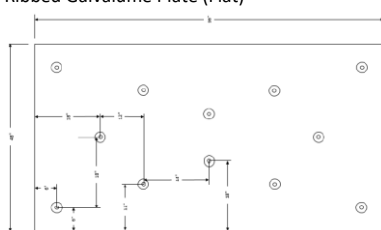
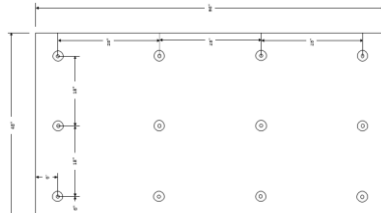
| System No. | Deck‡ <a href="#">(Note 1)</a>                                                                                | Base Insulation Layer <a href="#">(Note 13)</a>             | Top Insulation Layer                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------|---------------------------|
|            |                                                                                                               |                                                             | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                             | Attach         |                                      |                           |
| S-325.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, 5/8" puddle weld 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft²  | PVC1-BA                              | -60.0                     |
| S-326.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, 5/8" puddle weld 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard RH                                                                                                                                     | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft²  | PVC1-BA                              | -67.5                     |
| S-327.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5, 6" o.c.                                         | (Optional) One or more layers, min. 1.5-inch top insulation | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                                                                                 | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate | 1 per 1.45 ft² | PVC1-BA                              | -82.5                     |
| S-328.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                     | One or more layers, any combination, min. 1-inch            | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                                                            | 1 per 2.7 ft²  | PVC1-BA                              | -82.5                     |
| S-329.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                     | One or more layers, any combination, min. 1-inch            | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                                                           | 1 per 2.7 ft²  | PVC1-BA                              | -82.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

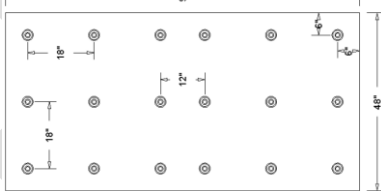
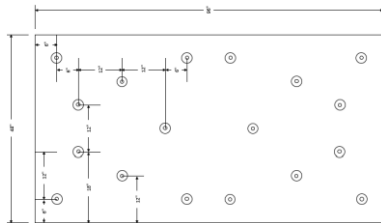
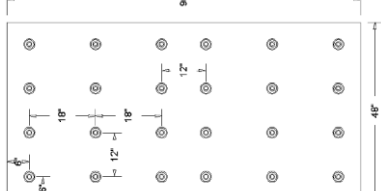
| System No. | Deck‡ (Note 1)                                                                                                      | Base Insulation Layer (Note 13)                                                    | Top Insulation Layer                  |                                                                                                                                                                                                                                                                                                                                                                                                               |               | Roof Cover (Note 15) | MDP (psf) |
|------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------|-----------|
|            |                                                                                                                     |                                                                                    | Type                                  | Fasten (Note 11)                                                                                                                                                                                                                                                                                                                                                                                              | Attach        |                      |           |
| S-330.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                           | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                              | 1 per 1.8 ft² | PVC1-BA              | -97.5     |
| S-331.     | Min. 22 ga., Type B, Grade 80 steel; 6' spans, two (2) #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Min. 0.5-inch DensDeck Prime          | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.0 ft² | PVC1-BA              | -127.5    |
| S-332.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                           | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                             | 1 per 1.8 ft² | PVC1-BA              | -127.5    |
| S-333.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                           | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                            | 1 per 1.3 ft² | PVC1-BA              | -135.0    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

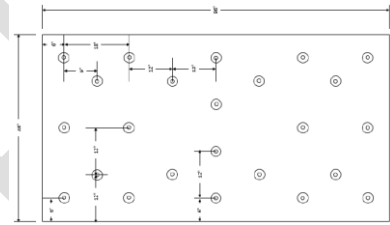
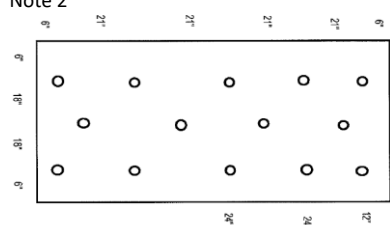
| System No.                                                                                 | Deck‡ (Note 1)                                                                         | Base Insulation Layer (Note 13)                  | Top Insulation Layer                                                                                                                                                     |                                                                                                                                                                  |                                              | Roof Cover (Note 15) | MDP (psf) |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------|-----------|
|                                                                                            |                                                                                        |                                                  | Type                                                                                                                                                                     | Fasten (Note 11)                                                                                                                                                 | Attach                                       |                      |           |
| S-334.                                                                                     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.              | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                                                                    | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.3 ft²                                | PVC1-BA              | -142.5    |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:</b> |                                                                                        |                                                  |                                                                                                                                                                          |                                                                                                                                                                  |                                              |                      |           |
| S-335.                                                                                     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard RA, EnergyGuard RN, EnergyGuard RH or EnergyGuard Ultra Polyiso Insulation or Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                           | 1 per 4.0 ft²                                | PVC2-BA              | -45.0*    |
| S-336.                                                                                     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                         | Note 2                                                                                                                                                           | 1 per 3.2 ft²                                | PVC2-BA              | -45.0*    |
| S-337.                                                                                     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination   | Min. 0.5-inch DensDeck Prime                                                                                                                                             | Note 2                                                                                                                                                           | 1 per 3.2 ft²                                | PVC2-BA              | -45.0*    |
| S-338.                                                                                     | Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c. or structural concrete | (Optional) One or more layers, any combination   | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation         | Note 2<br>                                                                   | 1 per 2.3 ft²<br>(14 parts per 4x8 ft board) | PVC2-BA              | -45.0     |
| S-339.                                                                                     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation           | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                     | 1 per 4.0 ft²                                | PVC2-BA              | -45.0*    |
| S-340.                                                                                     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete              | (Optional) One or more layers, any combination   | Min. 0.25-inch DensDeck Prime                                                                                                                                            | Note 2 (Drill-Tec 3" Standard Steel Plate only)                                                                                                                  | 1 per 2.7 ft²                                | PVC2-BA              | -45.0*    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck‡ (Note 1)                                                                                                   | Base Insulation Layer (Note 13)                  | Top Insulation Layer                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                 |                | Roof Cover (Note 15) | MDP (psf) |
|------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|-----------|
|            |                                                                                                                  |                                                  | Type                                                                                                                                                                                                                                                                                                   | Fasten (Note 11)                                                                                                                                                                                                                                                                                                                | Attach         |                      |           |
| S-341.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                          | Note 2 (Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only)                                                                                                                                                                                                                      | 1 per 2.13 ft² | PVC2-BA              | -45.0*    |
| S-342.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 0.375-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                                                                                                                                                        | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate | 1 per 2.7 ft²  | PVC2-BA              | -45.0*    |
| S-343.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.0 ft²  | PVC2-BA              | -45.0*    |
| S-344.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                                         | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.7 ft²  | PVC2-BA              | -52.5     |
| S-345.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                      | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.8 ft²  | PVC2-BA              | -52.5     |
| S-346.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                                                                                                                                                         | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.3 ft²  | PVC2-BA              | -52.5     |
| S-347.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                                                                                            | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.45 ft² | PVC2-BA              | -52.5     |
| S-348.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, 5/8" puddle weld 6" o.c. or min. 2,500 psi structural concrete    | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                         | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.8 ft²  | PVC2-BA              | -60.0     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck‡ <a href="#">(Note 1)</a>                                                                                                     | Base Insulation Layer <a href="#">(Note 13)</a>             | Top Insulation Layer                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------|---------------------------|
|            |                                                                                                                                    |                                                             | Type                                                                                               | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                             | Attach         |                                      |                           |
| S-349.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete                   | One or more layers, any combination, min. 1-inch            | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                     | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate                                                                                                              | 1 per 1.0 ft²  | PVC2-BA                              | -60.0                     |
| S-350.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, 5/8" puddle weld 6" o.c. or min. 2,500 psi structural concrete                      | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft²  | PVC2-BA                              | -67.5                     |
| S-351.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete                   | One or more layers, any combination, min. 1-inch            | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                   | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.3 ft²  | PVC2-BA                              | -67.5                     |
| S-352.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete                   | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch Structodek High Density Roof Fiberboard                                              | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.0 ft²  | PVC2-BA                              | -67.5                     |
| S-353.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete                   | One or more layers, any combination, min. 1.5-inch          | Min. 0.25-inch DensDeck Prime                                                                      | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft² | PVC2-BA                              | -75.0                     |
| S-354.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5, 6" o.c.                                                              | (Optional) One or more layers, min. 1.5-inch top insulation | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                     | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate | 1 per 1.45 ft² | PVC2-BA                              | -82.5                     |
| S-355.     | Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Tek 5 screw with ¾" washers, 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch            | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                      | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate                                                                                                              | 1 per 1.45 ft² | PVC2-BA                              | -82.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

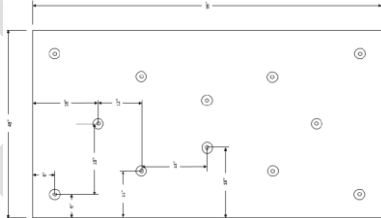
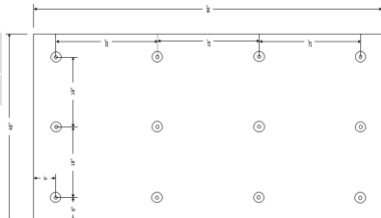
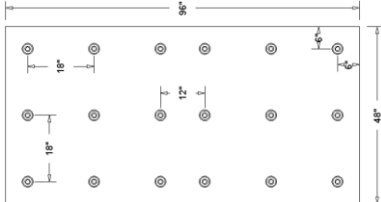
| System No. | Deck‡ <a href="#">(Note 1)</a>                                                                                      | Base Insulation Layer <a href="#">(Note 13)</a>    | Top Insulation Layer                           |                                                                                                                                                                    |               | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------|---------------------------|
|            |                                                                                                                     |                                                    | Type                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                   | Attach        |                                      |                           |
| S-356.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                           | One or more layers, any combination, min. 1-inch   | Min. 0.625-inch DensDeck StormX Prime          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 2.7 ft² | PVC2-BA                              | -82.5                     |
| S-357.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                           | One or more layers, any combination, min. 1-inch   | Min. 0.625-inch DensDeck StormX Prime          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 2.7 ft² | PVC2-BA                              | -82.5                     |
| S-358.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, two (2) #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                             | 1 per 1.0 ft² | PVC2-BA                              | -90.0                     |
| S-359.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                           | One or more layers, any combination, min. 1-inch   | Min. 0.625-inch DensDeck StormX Prime          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.8 ft² | PVC2-BA                              | -97.5                     |



**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

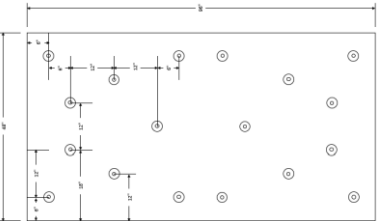
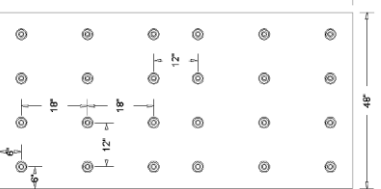
| System No. | Deck‡ (Note 1)                                                                                                                     | Base Insulation Layer (Note 13)                                                    | Top Insulation Layer                                          |                                                                                                                                                                                                                                                                                                                                                                                                               |               | Roof Cover (Note 15)  | MDP (psf) |
|------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------|-----------|
|            |                                                                                                                                    |                                                                                    | Type                                                          | Fasten (Note 11)                                                                                                                                                                                                                                                                                                                                                                                              | Attach        |                       |           |
| S-360.     | Min. 22 ga., Type B, Grade 80 steel; 6' spans, two (2) #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete                | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Min. 0.5-inch DensDeck Prime                                  | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.0 ft² | EverGuard PVC / #2331 | -127.5    |
| S-361.     | Min. 22 ga., Type B, Grade 33 steel; 6 ft span, #12 HWH Tek 5 screw with ¾" washers, 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 2-inch                                   | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate                                                                               | 1 per 1.0 ft² | EverGuard PVC / #2331 | -127.5    |
| S-362.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                                          | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime                         | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                             | 1 per 1.8 ft² | PVC2-BA               | -127.5    |
| S-363.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                                          | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime                         | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                            | 1 per 1.3 ft² | PVC2-BA               | -135.0    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

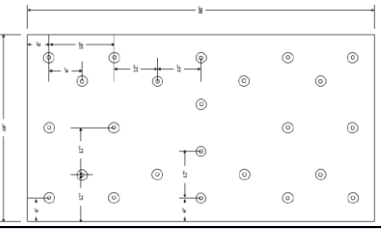
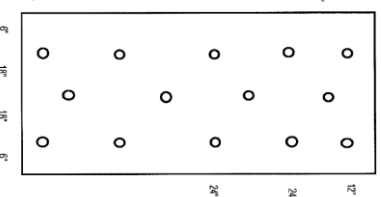
| System No.                                                            | Deck‡ (Note 1)                                                                                                                     | Base Insulation Layer (Note 13)                    | Top Insulation Layer                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                 |                                           | Roof Cover (Note 15)  | MDP (psf) |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------|-----------|
|                                                                       |                                                                                                                                    |                                                    | Type                                                                                                                                                             | Fasten (Note 11)                                                                                                                                                                                                                                                                                                                | Attach                                    |                       |           |
| S-364.                                                                | Min. 22 ga., Type B, Grade 80 steel; 6 ft span, #12 HWH Tek 5 screw with ¾" washers, 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                    | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.0 ft²                             | EverGuard PVC / #2331 | -142.5    |
| S-365.                                                                | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                                          | One or more layers, any combination, min. 1-inch   | Min. 0.625-inch DensDeck StormX Prime                                                                                                                            | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                | 1 per 1.3 ft²                             | PVC2-BA               | -142.5    |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                                                                                    |                                                    |                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                 |                                           |                       |           |
| S-366.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                                          | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard RA or Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                 | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 4.0 ft²                             | PVC2-QL               | -45.0*    |
| S-367.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                                          | (Optional) One or more layers, any combination     | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 3.2 ft²                             | PVC2-QL               | -45.0*    |
| S-368.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                                          | (Optional) One or more layers, any combination     | Min. 0.5-inch DensDeck Prime                                                                                                                                     | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 3.2 ft²                             | PVC2-QL               | -45.0*    |
| S-369.                                                                | Min. 22 ga., Type B, Grade 33 steel or structural concrete                                                                         | (Optional) One or more layers, any combination     | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2<br>                                                                                                                                                                                                                                 | 1 per 2.3 ft² (14 parts per 4x8 ft board) | PVC2-QL               | -45.0     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck‡ <a href="#">(Note 1)</a>                                                                                   | Base Insulation Layer <a href="#">(Note 13)</a>             | Top Insulation Layer                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------|---------------------------|
|            |                                                                                                                  |                                                             | Type                                                                                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                             | Attach         |                                      |                           |
| S-370.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                 | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                                                                                                                                 | 1 per 4.0 ft²  | PVC2-QL                              | -45.0*                    |
| S-371.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination              | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                  | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate only</i> )                                                                                                                                                                                                                                                                                                                                                                                     | 1 per 2.7 ft²  | PVC2-QL                              | -45.0*                    |
| S-372.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination              | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                  | Note 2 ( <i>Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> )                                                                                                                                                                                                                                                                                                                          | 1 per 2.13 ft² | PVC2-QL                              | -45.0*                    |
| S-373.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 2.0 ft²  | PVC2-QL                              | -45.0*                    |
| S-374.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                              | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft²  | PVC2-QL                              | -52.5                     |
| S-375.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination                         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                               | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft² | PVC2-QL                              | -60.0                     |
| S-376.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                 | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft²  | PVC2-QL                              | -67.5                     |
| S-377.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5, 6" o.c.                                            | (Optional) One or more layers, min. 1.5-inch top insulation | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                                                                                                                                                 | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate | 1 per 1.45 ft² | PVC2-QL                              | -82.5                     |
| S-378.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                 | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft² | PVC2-QL                              | -82.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

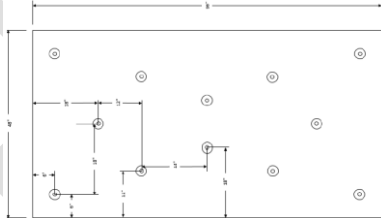
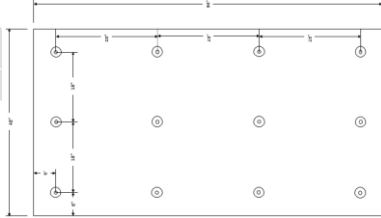
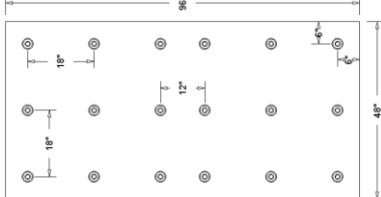
| System No. | Deck‡ <a href="#">(Note 1)</a>                                                                                     | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                                                                                                                                           |                                                                                                                                                                    |                | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------|---------------------------|
|            |                                                                                                                    |                                                  | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                   | Attach         |                                      |                           |
| S-379.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tekes 5, 6" o.c.                                        | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 2.7 ft²  | PVC2-QL                              | -82.5                     |
| S-380.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tekes 5, 6" o.c.                                        | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 2.7 ft²  | PVC2-QL                              | -82.5                     |
| S-381.     | Min. 22 ga., Type B, Grade 40 steel; 6' spans, #12 HWH Tekes 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                             | 1 per 1.45 ft² | PVC2-QL                              | -90.0                     |
| S-382.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tekes 5, 6" o.c.                                        | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.8 ft²  | PVC2-QL                              | -97.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                        | Deck‡ (Note 1)                                                              | Base Insulation Layer (Note 13)                  | Top Insulation Layer                                                                                                             |                                                                               |               | Roof Cover (Note 15) | MDP (psf) |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------|----------------------|-----------|
|                                                                                   |                                                                             |                                                  | Type                                                                                                                             | Fasten (Note 11)                                                              | Attach        |                      |           |
| S-383.                                                                            | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tekes 5, 6" o.c. | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                            | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.8 ft² | PVC2-QL              | -127.5    |
| S-384.                                                                            | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tekes 5, 6" o.c. | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                            | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.3 ft² | PVC2-QL              | -135.0    |
| S-385.                                                                            | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tekes 5, 6" o.c. | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                            | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.3 ft² | PVC2-QL              | -142.5    |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                                                             |                                                  |                                                                                                                                  |                                                                               |               |                      |           |
| S-386.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete   | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard RA or Min. 0.625-inch DensDeck Prime                                                                     | Note 2                                                                        | 1 per 4.0 ft² | PVC1-QS or PVC2-QS   | -45.0*    |
| S-387.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete   | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                        | 1 per 3.2 ft² | PVC1-QS or PVC2-QS   | -45.0*    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

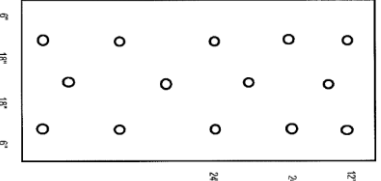
| System No. | Deck‡ (Note 1)                                                            | Base Insulation Layer (Note 13)                  | Top Insulation Layer                                                                                                                                                                                                                                                                                           |                                                                                                                                              |                                           | Roof Cover (Note 15) | MDP (psf) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------|-----------|
|            |                                                                           |                                                  | Type                                                                                                                                                                                                                                                                                                           | Fasten (Note 11)                                                                                                                             | Attach                                    |                      |           |
| S-388.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 0.5-inch DensDeck Prime                                                                                                                                                                                                                                                                                   | Note 2                                                                                                                                       | 1 per 3.2 ft²                             | PVC1-QS or PVC2-QS   | -45.0*    |
| S-389.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination   | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                               | Note 2<br>                                                | 1 per 2.3 ft² (14 parts per 4x8 ft board) | PVC1-QS or PVC2-QS   | -45.0     |
| S-390.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                 | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft²                             | PVC1-QS or PVC2-QS   | -45.0*    |
| S-391.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                                  | Note 2 (Drill-Tec 3" Standard Steel Plate only)                                                                                              | 1 per 2.7 ft²                             | PVC1-QS or PVC2-QS   | -45.0*    |
| S-392.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                                  | Note 2 (Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only)                                   | 1 per 2.13 ft²                            | PVC1-QS or PVC2-QS   | -45.0*    |
| S-393.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA, Min. 0.25-inch DensDeck Prime or Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board | Note 2                                                                                                                                       | 1 per 2.0 ft²                             | PVC1-QS or PVC2-QS   | -45.0*    |
| S-394.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                                  | Note 2                                                                                                                                       | 1 per 1.8 ft²                             | PVC1-QS or PVC2-QS   | -52.5     |
| S-395.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                                                                   | Note 2                                                                                                                                       | 1 per 1.45 ft²                            | PVC1-QS or PVC2-QS   | -60.0     |
| S-396.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                 | Note 2                                                                                                                                       | 1 per 1.8 ft²                             | PVC1-QS or PVC2-QS   | -67.5     |



**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                      | Deck‡ (Note 1)                                                            | Base Insulation Layer (Note 13)                             | Top Insulation Layer                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                | Roof Cover (Note 15) | MDP (psf) |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|-----------|
|                                                                                 |                                                                           |                                                             | Type                                                                                                                                                                             | Fasten (Note 11)                                                                                                                                                                                                                                                                                                                                                                                                                             | Attach         |                      |           |
| S-397.                                                                          | Min. 22 ga., Type B, Grade 33 steel                                       | (Optional) One or more layers, min. 1.5-inch top insulation | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate | 1 per 1.45 ft² | PVC1-QS or PVC2-QS   | -82.5     |
| S-398.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft² | PVC1-QS or PVC2-QS   | -82.5     |
| S-399.                                                                          | Min. 22 ga., Type B, Grade 40 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft² | PVC1-QS or PVC2-QS   | -90.0     |
| <b>EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b>         |                                                                           |                                                             |                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                      |           |
| S-400.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 2.0 ft²  | PVCX-WB              | -45.0*    |
| S-401.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                                                                                                                                 | 1 per 4.0 ft²  | PVCX-WB              | -45.0*    |
| S-402.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 2.0 ft²  | PVCX-WB              | -45.0*    |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN HOT ASPHALT:</b> |                                                                           |                                                             |                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                      |           |
| S-403.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                 | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 4.0 ft²  | PVCF-HA              | -45.0*    |
| S-404.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                 | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 3.2 ft²  | PVCF-HA              | -45.0*    |
| S-405.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 3.2 ft²  | PVCF-HA              | -45.0*    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck‡ <a href="#">(Note 1)</a>                                                                                   | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                                                                                                                                                                             |                                                                                                                                              |                | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------|---------------------------|
|                                                                                                      |                                                                                                                  |                                                  | Type                                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach         |                                      |                           |
| S-406.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 0.25-inch DensDeck Prime                                                                                                                                                                    | Note 2                                                                                                                                       | 1 per 1.8 ft²  | PVCF-HA                              | -45.0*                    |
| S-407.                                                                                               | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                   | Note 2                                                                                                                                       | 1 per 2.7 ft²  | PVCF-HA                              | -52.5                     |
| S-408.                                                                                               | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                      | Note 2                                                                                                                                       | 1 per 1.45 ft² | PVCF-HA                              | -52.5                     |
| S-409.                                                                                               | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RH                   | Note 2                                                                                                                                       | 1 per 1.8 ft²  | PVCF-HA                              | -67.5                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                                                                  |                                                  |                                                                                                                                                                                                  |                                                                                                                                              |                |                                      |                           |
| S-410.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, min. 1-inch | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                 | Note 2                                                                                                                                       | 1 per 4.0 ft²  | PVCF-WB                              | -45.0*                    |
| S-411.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                 | Note 2                                                                                                                                       | 1 per 3.2 ft²  | PVCF-WB                              | -45.0*                    |
| S-412.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, min. 1-inch | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                  | Note 2                                                                                                                                       | 1 per 3.2 ft²  | PVCF-WB                              | -45.0*                    |
| S-413.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                   | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft²  | PVCF-WB                              | -45.0*                    |
| S-414.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN | Note 2                                                                                                                                       | 1 per 2.0 ft²  | PVCF-WB                              | -45.0*                    |
| S-415.                                                                                               | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                  | Note 2                                                                                                                                       | 1 per 1.8 ft²  | PVCF-WB                              | -52.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

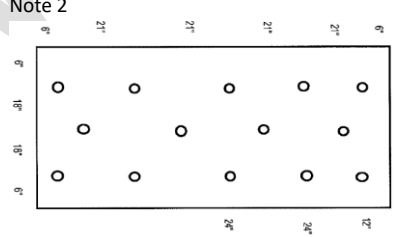
| System No.                                                              | Deck‡ (Note 1)                                                                                                   | Base Insulation Layer (Note 13)                    | Top Insulation Layer                                                                                                                                                                             |                                                                                                |                                           | Roof Cover (Note 15)                             | MDP (psf) |
|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------|
|                                                                         |                                                                                                                  |                                                    | Type                                                                                                                                                                                             | Fasten (Note 11)                                                                               | Attach                                    |                                                  |           |
| S-416.                                                                  | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch   | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                 | Note 2                                                                                         | 1 per 1.3 ft²                             | PVCF-WB                                          | -67.5     |
| <b>EVERGUARD PVC XK FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                                                                  |                                                    |                                                                                                                                                                                                  |                                                                                                |                                           |                                                  |           |
| S-417.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination     | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH or EnergyGuard RN | Note 2                                                                                         | 1 per 2.0 ft²                             | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*    |
| S-418.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH or EnergyGuard RN   | Note 2                                                                                         | 1 per 2.9 ft²                             | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*    |
| S-419.                                                                  | Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c. or structural concrete                           | (Optional) One or more layers, any combination     | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2<br> | 1 per 2.3 ft² (14 parts per 4x8 ft board) | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0     |
| S-420.                                                                  | Min. 22 ga., Type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete  | (Optional) One or more layers, any combination     | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2                                                                                         | 1 per 1.3 ft²                             | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -60.0     |
| S-421.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, min. 1.5-inch | Min. 0.25-inch DensDeck Prime                                                                                                                                                                    | Note 2                                                                                         | 1 per 2.0 ft²                             | PVCX-LO (12-inch o.c.)                           | -45.0*    |
| S-422.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, min. 1.5-inch | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                  | Note 2                                                                                         | 1 per 2.0 ft²                             | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

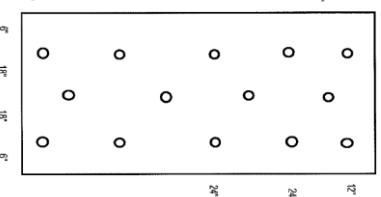
| System No.                                                                                           | Deck‡ (Note 1)                                                                                                  | Base Insulation Layer (Note 13)                | Top Insulation Layer                                                                                                                                                                           |                                                                                                 |                                           | Roof Cover (Note 15)                             | MDP (psf) |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------|
|                                                                                                      |                                                                                                                 |                                                | Type                                                                                                                                                                                           | Fasten (Note 11)                                                                                | Attach                                    |                                                  |           |
| S-423.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                       | (Optional) One or more layers, any combination | Min. 1.5-inch EnergyGuard RH, EnergyGuard RN                                                                                                                                                   | Note 2                                                                                          | 1 per 2.0 ft²                             | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -45.0*    |
| S-424.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                       | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard RH, EnergyGuard RN                                                                                                                                                     | Note 2                                                                                          | 1 per 2.9 ft²                             | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -45.0*    |
| S-425.                                                                                               | Min. 22 ga., Type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination | Min. 1.5-inch EnergyGuard RH, EnergyGuard RN                                                                                                                                                   | Note 2                                                                                          | 1 per 1.3 ft²                             | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -60.0     |
| S-426.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                       | (Optional) One or more layers, any combination | Min. 0.25-inch DensDeck Prime                                                                                                                                                                  | Note 2                                                                                          | 1 per 2.0 ft²                             | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -45.0*    |
| S-427.                                                                                               | Min. 22 ga., Type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination            | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                               | Note 2                                                                                          | 1 per 1.3 ft²                             | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -67.5     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                                                                 |                                                |                                                                                                                                                                                                |                                                                                                 |                                           |                                                  |           |
| S-428.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                       | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN | Note 2                                                                                          | 1 per 2.9 ft²                             | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*    |
| S-429.                                                                                               | Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c. or structural concrete                          | (Optional) One or more layers, any combination | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | Note 2<br> | 1 per 2.3 ft² (14 parts per 4x8 ft board) | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck‡ <a href="#">(Note 1)</a>                                                                                   | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                                                                                                                                                                             |                                                                                                                                                   |               | Roof Cover <a href="#">(Note 15)</a>             | MDP <a href="#">(psf)</a> |
|------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------|---------------------------|
|            |                                                                                                                  |                                                  | Type                                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                  | Attach        |                                                  |                           |
| S-430.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN | Note 2                                                                                                                                            | 1 per 2.0 ft² | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                    |
| S-431.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                      | Note 2                                                                                                                                            | 1 per 2.0 ft² | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                    |
| S-432.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination              | Min. 0.25-inch DensDeck Prime                                                                                                                                                                    | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate, AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> ) | 1 per 2.0 ft² | PVCF-LO (12-inch o.c.)                           | -45.0*                    |
| S-433.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination              | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                  | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate, AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> ) | 1 per 2.0 ft² | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                    |
| S-434.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                  | Note 2                                                                                                                                            | 1 per 1.8 ft² | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -52.5                     |
| S-435.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2                                                                                                                                            | 1 per 1.3 ft² | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0                     |
| S-436.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2                                                                                                                                            | 1 per 1.3 ft² | PVCF-LM (12-inch o.c.)                           | -67.5                     |
| S-437.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination              | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                 | Note 2                                                                                                                                            | 1 per 4.0 ft² | PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.)   | -45.0*                    |
| S-438.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                 | Note 2                                                                                                                                            | 1 per 3.2 ft² | PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.)   | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck‡ (Note 1)                                                                                                   | Base Insulation Layer (Note 13)                  | Top Insulation Layer                                                                                                           |                  |               | Roof Cover (Note 15)                           | MDP (psf) |
|------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------|---------------|------------------------------------------------|-----------|
|            |                                                                                                                  |                                                  | Type                                                                                                                           | Fasten (Note 11) | Attach        |                                                |           |
| S-439.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination              | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                    | Note 2           | 1 per 3.2 ft² | PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.) | -45.0*    |
| S-440.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                              | Note 2           | 1 per 3.2 ft² | PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.) | -45.0*    |
| S-441.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination              | Min. 0.5-inch EnergyGuard HD Plus Polyiso Cover Board                                                                          | Note 2           | 1 per 2.7 ft² | PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.) | -45.0*    |
| S-442.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, min. 1-inch | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                               | Note 2           | 1 per 4.0 ft² | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -45.0*    |
| S-443.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, min. 1-inch | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                | Note 2           | 1 per 3.2 ft² | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -45.0*    |
| S-444.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard RN                                                                                                     | Note 2           | 1 per 2.9 ft² | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -45.0*    |
| S-445.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard RN                                                                                                   | Note 2           | 1 per 2.0 ft² | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -45.0*    |
| S-446.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 0.25-inch DensDeck Prime                                                                                                  | Note 2           | 1 per 2.0 ft² | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -45.0*    |
| S-447.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2           | 1 per 2.7 ft² | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -52.5     |



**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

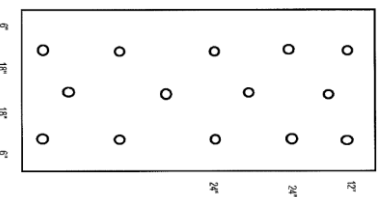
| System No.                                                  | Deck‡ (Note 1)                                                                                                   | Base Insulation Layer (Note 13)                  | Top Insulation Layer                                                                                                                                                                             |                                                                                                                                              |                                              | Roof Cover (Note 15)                           | MDP (psf) |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------|-----------|
|                                                             |                                                                                                                  |                                                  | Type                                                                                                                                                                                             | Fasten (Note 11)                                                                                                                             | Attach                                       |                                                |           |
| S-448.                                                      | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                      | Note 2                                                                                                                                       | 1 per 1.45 ft²                               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -52.5     |
| S-449.                                                      | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RN                                                                                                                                     | Note 2                                                                                                                                       | 1 per 1.3 ft²                                | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -60.0     |
| S-450.                                                      | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                 | Note 2                                                                                                                                       | 1 per 1.3 ft²                                | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -67.5     |
| <b>EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                                                                                                  |                                                  |                                                                                                                                                                                                  |                                                                                                                                              |                                              |                                                |           |
| S-451.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH or EnergyGuard RN | Note 2                                                                                                                                       | 1 per 2.0 ft²                                | PVCX-OB                                        | -45.0*    |
| S-452.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                   | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft²                                | PVCX-OB                                        | -45.0*    |
| S-453.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard RH, EnergyGuard RN                                                                                                                                                       | Note 2                                                                                                                                       | 1 per 2.9 ft²                                | PVCX-OB                                        | -45.0*    |
| S-454.                                                      | Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c. or structural concrete                           | (Optional) One or more layers, any combination   | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2<br>                                              | 1 per 2.3 ft²<br>(14 parts per 4x8 ft board) | PVCX-OB                                        | -45.0     |
| S-455.                                                      | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard RH, EnergyGuard RN                                                                                                                                                     | Note 2                                                                                                                                       | 1 per 1.3 ft²                                | PVCX-OB                                        | -60.0     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                               | Deck‡ (Note 1)                                                                                                   | Base Insulation Layer (Note 13)                                                                          | Top Insulation Layer                                                                                                                                           |                                                                                                                                              |                | Roof Cover (Note 15) | MDP (psf) |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|-----------|
|                                                                                          |                                                                                                                  |                                                                                                          | Type                                                                                                                                                           | Fasten (Note 11)                                                                                                                             | Attach         |                      |           |
| S-456.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination                                                           | Min. 0.25-inch DensDeck Prime                                                                                                                                  | Note 2                                                                                                                                       | 1 per 2.0 ft²  | PVCX-OB              | -45.0*    |
| S-457.                                                                                   | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch                                                         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                              | Note 2                                                                                                                                       | 1 per 1.8 ft²  | PVCX-OB              | -52.5     |
| S-458.                                                                                   | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination                                                                      | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | Note 2                                                                                                                                       | 1 per 1.3 ft²  | PVCX-OB              | -67.5     |
| S-459.                                                                                   | Min. 22 ga., Type B, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c. or min. 2,500 psi structural concrete   | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | Note 2                                                                                                                                       | 1 per 1.45 ft² | PVCX-OB              | -82.5     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                                                                                                  |                                                                                                          |                                                                                                                                                                |                                                                                                                                              |                |                      |           |
| S-460.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, min. 1-inch                                                         | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                               | Note 2                                                                                                                                       | 1 per 4.0 ft²  | PVCF-XF or PVCF-OB   | -45.0*    |
| S-461.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination                                                           | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | Note 2                                                                                                                                       | 1 per 3.2 ft²  | PVCF-XF or PVCF-OB   | -45.0*    |
| S-462.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, min. 1-inch                                                         | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                | Note 2                                                                                                                                       | 1 per 3.2 ft²  | PVCF-XF or PVCF-OB   | -45.0*    |
| S-463.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination                                                           | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft²  | PVCF-XF or PVCF-OB   | -45.0*    |
| S-464.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination                                                           | Min. 2-inch EnergyGuard RN                                                                                                                                     | Note 2                                                                                                                                       | 1 per 2.9 ft²  | PVCF-XF or PVCF-OB   | -45.0*    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

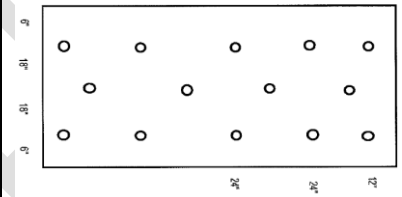
| System No. | Deck‡ (Note 1)                                                                                                   | Base Insulation Layer (Note 13)                  | Top Insulation Layer                                                                                                                                             |                                                                                               |                                           | Roof Cover (Note 15) | MDP (psf) |
|------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------|----------------------|-----------|
|            |                                                                                                                  |                                                  | Type                                                                                                                                                             | Fasten (Note 11)                                                                              | Attach                                    |                      |           |
| S-465.     | Min. 22 ga., Type B, Grade 33 steel, 5/8" puddle welds, 6" o.c. or structural concrete                           | (Optional) One or more layers, any combination   | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2<br> | 1 per 2.3 ft² (14 parts per 4x8 ft board) | PVCF-XF or PVCF-OB   | -45.0     |
| S-466.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RN                                                               | Note 2                                                                                        | 1 per 2.0 ft²                             | PVCF-XF or PVCF-OB   | -45.0*    |
| S-467.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination   | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                                                                                        | 1 per 2.0 ft²                             | PVCF-XF or PVCF-OB   | -45.0*    |
| S-468.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                   | Note 2                                                                                        | 1 per 2.7 ft²                             | PVCF-XF or PVCF-OB   | -52.5     |
| S-469.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                | Note 2                                                                                        | 1 per 1.8 ft²                             | PVCF-XF or PVCF-OB   | -52.5     |
| S-470.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                      | Note 2                                                                                        | 1 per 1.45 ft²                            | PVCF-XF or PVCF-OB   | -52.5     |
| S-471.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RN                                                               | Note 2                                                                                        | 1 per 1.3 ft²                             | PVCF-XF or PVCF-OB   | -60.0     |
| S-472.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso                                                                                                                                  | Note 2                                                                                        | 1 per 1.8 ft²                             | PVCF-XF or PVCF-OB   | -67.5     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

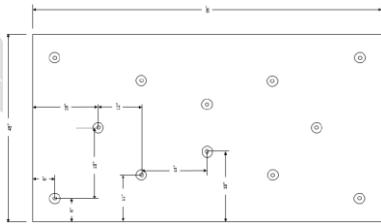
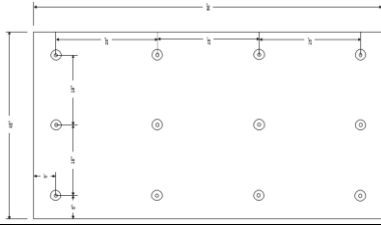
| System No. | Deck‡ (Note 1)                                                                                                   | Base Insulation Layer (Note 13)                                                                          | Top Insulation Layer                             |                                                                                                                                                                    |                | Roof Cover (Note 15) | MDP (psf) |
|------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|-----------|
|            |                                                                                                                  |                                                                                                          | Type                                             | Fasten (Note 11)                                                                                                                                                   | Attach         |                      |           |
| S-473.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination                                                                      | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                             | 1 per 1.3 ft²  | PVCF-XF or PVCF-OB   | -67.5     |
| S-474.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c. or min. 2,500 psi structural concrete   | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                             | 1 per 1.45 ft² | PVCF-OB              | -82.5     |
| S-475.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                        | One or more layers, any combination, min. 1-inch                                                         | Min. 0.625-inch DensDeck StormX Prime            | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 2.7 ft²  | PVCF-XF              | -82.5     |
| S-476.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c.                                        | One or more layers, any combination, min. 1-inch                                                         | Min. 0.625-inch DensDeck StormX Prime            | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 2.7 ft²  | PVCF-XF              | -82.5     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

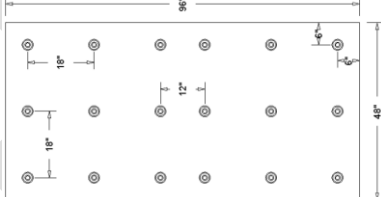
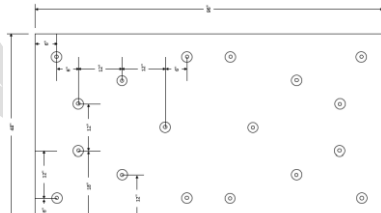
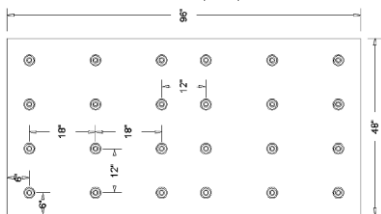
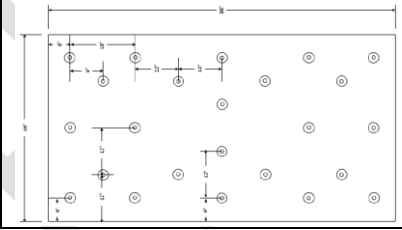
| System No. | Deck‡ <a href="#">(Note 1)</a>                                              | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                  |                                                                                                                                                                    |               | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|-----------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------|---------------------------|
|            |                                                                             |                                                  | Type                                  | Fasten <a href="#">(Note 11)</a>                                                                                                                                   | Attach        |                                      |                           |
| S-477.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tekes 5, 6" o.c. | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 1.8 ft² | PVCF-XF                              | -97.5                     |
| S-478.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tekes 5, 6" o.c. | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 1.8 ft² | PVCF-XF                              | -127.5                    |
| S-479.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tekes 5, 6" o.c. | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.3 ft² | PVCF-XF                              | -135.0                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck† (Note 1)                                                            | Base Insulation Layer (Note 13)                  | Top Insulation Layer                  |                                                                                                                                                                  |               | Roof Cover (Note 15) | MDP (psf) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------|-----------|
|            |                                                                           |                                                  | Type                                  | Fasten (Note 11)                                                                                                                                                 | Attach        |                      |           |
| S-480.     | Min. 22 ga., Type B, min. 55 ksi steel; 6 ft span, #12 HWH Tek 5, 6" o.c. | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.3 ft² | PVCF-XF              | -142.5    |

† NOTE: As-tested steel deck performance under TAS 114, Appendix J indicates steel deck at max. 6' spans attached with 5/8" diameter puddle welds spaced 6" o.c. may be substituted for #12 HWH Tek 5 screws in the Table 2F assemblies up to a maximum design pressure of -82.5 psf. Note 1.

**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No.                | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                              |                                                                                                                                                                                                                                                                                                                                                                                |               | Roof Cover <a href="#">(Note 15)</a> |                                                                             | <a href="#">MDP</a><br><a href="#">(psf)</a> |
|---------------------------|---------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------|
|                           |                                                                           |                                                 | Type                                                              | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                               | Attach        | Base Ply                             | Cap Ply                                                                     |                                              |
| ASPHALT-APPLIED BASE PLY: |                                                                           |                                                 |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                |               |                                      |                                                                             |                                              |
| S-481.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                  | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) or Drill-Tec AccuTrac Flat Plate or Drill-Tec #12 DP Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3" Flat Steel Plate or Drill-Tec #12 DPH Fastener (steel only) with Drill-Tec 3" Recessed Steel Plate | 1 per 4.0 ft² | SBS-AA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -45.0*                                       |
| S-482.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                                                                                                                                                                                                                                         | 1 per 4.0 ft² | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                                       |
| S-483.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) or Drill-Tec AccuTrac Flat Plate or Drill-Tec #12 DP Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3" Flat Steel Plate or Drill-Tec #12 DPH Fastener (steel only) with Drill-Tec 3" Recessed Steel Plate | 1 per 3.2 ft² | SBS-AA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -45.0*                                       |



**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No. | Deck <a href="#">(Note 1)</a>                                                                                    | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                                                                                   |                                  |                            | Roof Cover <a href="#">(Note 15)</a> |                                                                             | MDP <a href="#">(psf)</a> |
|------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------|--------------------------------------|-----------------------------------------------------------------------------|---------------------------|
|            |                                                                                                                  |                                                 | Type                                                                                                                   | Fasten <a href="#">(Note 11)</a> | Attach                     | Base Ply                             | Cap Ply                                                                     |                           |
| S-484.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, loose laid | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or Structodek High Density Fiberboard Roof Insulation | Note 2                           | 1 per 2.0 ft <sup>2</sup>  | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-485.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, loose laid | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Note 2                           | 1 per 2.0 ft <sup>2</sup>  | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-486.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Note 2                           | 1 per 1.6 ft <sup>2</sup>  | SBS-AA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -52.5                     |
| S-487.     | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete  | One or more layers, any combination, loose laid | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Note 2                           | 1 per 1.6 ft <sup>2</sup>  | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |
| S-488.     | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete  | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime                                                                                          | Note 2                           | 1 per 1.45 ft <sup>2</sup> | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |
| S-489.     | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete  | One or more layers, any combination, loose laid | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                                                                         | Note 2 (#14 only)                | 1 per 1.8 ft <sup>2</sup>  | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                     |
| S-490.     | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete  | One or more layers, any combination, loose laid | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                       | Note 2                           | 1 per 2.0 ft <sup>2</sup>  | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                     |
| S-491.     | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete  | One or more layers, any combination, loose laid | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                       | Note 2                           | 1 per 1.0 ft <sup>2</sup>  | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -67.5                     |
| S-492.     | Min. 22 ga., type B, Grade 33 steel; 6 ft spans; #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete    | One or more layers, any combination, loose laid | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                       | Note 2                           | 1 per 1.6 ft <sup>2</sup>  | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -82.5                     |

**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No.                     | Deck <a href="#">(Note 1)</a>                                                                                                                      | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                             |                                  |                            | Roof Cover <a href="#">(Note 15)</a> |                                                                             | MDP <a href="#">(psf)</a> |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------|----------------------------------|----------------------------|--------------------------------------|-----------------------------------------------------------------------------|---------------------------|
|                                |                                                                                                                                                    |                                                 | Type                                                             | Fasten <a href="#">(Note 11)</a> | Attach                     | Base Ply                             | Cap Ply                                                                     |                           |
| S-493.                         | Min. 20 ga., type B, Grade 33 steel, min. 22 ga., type B, Grade 80 steel; 6 ft spans; #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                           | 1 per 1.6 ft <sup>2</sup>  | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -90.0                     |
| <b>TORCH-APPLIED BASE PLY:</b> |                                                                                                                                                    |                                                 |                                                                  |                                  |                            |                                      |                                                                             |                           |
| S-494.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                                                          | (Optional) One or more layers, any combination  | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                 | Note 2                           | 1 per 4.0 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -45.0*                    |
| S-495.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                                                          | One or more layers, any combination, loose laid | Min. 0.625-inch DensDeck Prime                                   | Note 2                           | 1 per 4.0 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-496.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                                                          | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                  | Note 2                           | 1 per 3.2 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -45.0*                    |
| S-497.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                                                          | One or more layers, any combination, loose laid | Min. 0.5-inch DensDeck Prime                                     | Note 2                           | 1 per 3.2 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-498.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                                                          | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime                                    | Note 2                           | 1 per 2.13 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-499.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                                                          | One or more layers, any combination, loose laid | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                  | Note 2                           | 1 per 2.0 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-500.                         | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete                                    | One or more layers, any combination, loose laid | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2                           | 1 per 1.8 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |
| S-501.                         | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete                                   | One or more layers, any combination             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                  | Note 2                           | 1 per 1.6 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -52.5                     |
| S-502.                         | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete                                    | One or more layers, any combination, loose laid | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                  | Note 2                           | 1 per 1.6 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |
| S-503.                         | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete                                    | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime                                    | Note 2                           | 1 per 1.45 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |

**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No.                     | Deck <a href="#">(Note 1)</a>                                                                                                                                              | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                              |                                  |                            | Roof Cover <a href="#">(Note 15)</a> |                                                                             | MDP <a href="#">(psf)</a> |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------|----------------------------------|----------------------------|--------------------------------------|-----------------------------------------------------------------------------|---------------------------|
|                                |                                                                                                                                                                            |                                                 | Type                                                              | Fasten <a href="#">(Note 11)</a> | Attach                     | Base Ply                             | Cap Ply                                                                     |                           |
| S-504.                         | Min. 22 ga., type B, Grade 40 steel; 6' span, 5/8-inch puddle welds 6" o.c. or min. 2,500 psi structural concrete                                                          | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                           | 1 per 1.45 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -60.0                     |
| S-505.                         | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete                                                           | One or more layers, any combination             | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                  | Note 2                           | 1 per 1.3 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -60.0                     |
| S-506.                         | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete                                                            | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                           | 1 per 1.3 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                     |
| S-507.                         | Min. 22 ga., type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete                                                            | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime                                     | Note 2                           | 1 per 1.45 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -67.5                     |
| S-508.                         | Min. 22 ga., type B, Grade 40 steel; 6' span, 5/8-inch puddle welds 6" o.c. or min. 2,500 psi structural concrete                                                          | One or more layers, any combination, loose laid | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                  | Note 2                           | 1 per 1.3 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -67.5                     |
| S-509.                         | Min. 22 ga., type B, Grade 40 steel; 6' span, 5/8-inch puddle welds 6" o.c. or min. 2,500 psi structural concrete                                                          | One or more layers, any combination, loose laid | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2                           | 1 per 1.45 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -75.0                     |
| S-510.                         | Min. 20 ga., type B, Grade 33 steel or min. 22 ga., type B, Grade 80 steel; 6' span, two (2) #12 HWH Tek 5 with 3/4" washers 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.5-inch DensDeck Prime                                      | Note 2                           | 1 per 1.0 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -90.0                     |
| <b>SELF-ADHERING BASE PLY:</b> |                                                                                                                                                                            |                                                 |                                                                   |                                  |                            |                                      |                                                                             |                           |
| S-511.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                                                                                  | (Optional) One or more layers, any combination  | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                  | Note 2                           | 1 per 4.0 ft <sup>2</sup>  | SBS-SA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -45.0*                    |
| S-512.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                                                                                  | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2                           | 1 per 3.2 ft <sup>2</sup>  | SBS-SA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -45.0*                    |
| S-513.                         | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete                                                           | One or more layers, any combination             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2                           | 1 per 1.6 ft <sup>2</sup>  | SBS-SA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -52.5                     |

**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                          | Deck†<br>(Note 1)                                                         | Thermal Barrier / Vapor Barrier                                                                                                                                            | Insulation                                                                                                                                                                                                                                                                                                                                                     |                     |               | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------|-------------------------|--------------|
|                                                                                     |                                                                           |                                                                                                                                                                            | Type                                                                                                                                                                                                                                                                                                                                                           | Fasten<br>(Note 11) | Attach        |                         |              |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:                              |                                                                           |                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                |                     |               |                         |              |
| S-514.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck or min. 0.5-inch SECUROCK Glass-Mat Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 0.625-inch DensDeck Prime                                                                                                                                                                   | Note 2              | 1 per 4.0 ft² | PVC1-BA                 | -45.0*       |
| S-515.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN        | Note 2              | 1 per 2.0 ft² | PVC1-BA                 | -45.0*       |
| S-516.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN          | Note 2              | 1 per 4.0 ft² | PVC1-BA                 | -45.0*       |
| S-517.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime                                                                   | Note 2              | 1 per 2.0 ft² | PVC1-BA                 | -45.0*       |
| S-518.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime                                                                    | Note 2              | 1 per 3.2 ft² | PVC1-BA                 | -45.0*       |
| S-519.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime                                                                  | Note 2              | 1 per 4.0 ft² | PVC1-BA                 | -45.0*       |
| S-520.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | Note 2              | 1 per 2.0 ft² | PVC1-BA                 | -45.0*       |
| S-521.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board | Note 2              | 1 per 2.0 ft² | PVC1-BA                 | -45.0*       |
| EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS: |                                                                           |                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                |                     |               |                         |              |

**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                            | Deck†<br>( <a href="#">Note 1</a> )                                                                              | Thermal Barrier / Vapor Barrier                                                                                                                                            | Insulation                                                                                                                                                                                                                                             |                                       |                | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------|-------------------------------------------|--------------------------------|
|                                                                       |                                                                                                                  |                                                                                                                                                                            | Type                                                                                                                                                                                                                                                   | Fasten<br>( <a href="#">Note 11</a> ) | Attach         |                                           |                                |
| S-522.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | Note 2                                | 1 per 2.0 ft²  | PVC2-BA                                   | -45.0*                         |
| S-523.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                         | Note 2                                | 1 per 4.0 ft²  | PVC2-BA                                   | -45.0*                         |
| S-524.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                        | Note 2                                | 1 per 2.0 ft²  | PVC2-BA                                   | -45.0*                         |
| S-525.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime                                                             | Note 2                                | 1 per 3.2 ft²  | PVC2-BA                                   | -45.0*                         |
| S-526.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime                                                           | Note 2                                | 1 per 4.0 ft²  | PVC2-BA                                   | -45.0*                         |
| S-527.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                      | Note 2                                | 1 per 2.0 ft²  | PVC2-BA                                   | -45.0*                         |
| S-528.                                                                | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime                                                            | Note 2                                | 1 per 1.45 ft² | PVC2-BA                                   | -52.5                          |
| S-529.                                                                | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                          | Note 2                                | 1 per 1.6 ft²  | PVC2-BA                                   | -52.5                          |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                                                                  |                                                                                                                                                                            |                                                                                                                                                                                                                                                        |                                       |                |                                           |                                |
| S-530.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA                                                                       | Note 2                                | 1 per 2.0 ft²  | PVC2-QL                                   | -45.0*                         |



**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck†<br>( <a href="#">Note 1</a> )                                                                              | Thermal Barrier / Vapor Barrier                                                                                                                                            | Insulation                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                       |                | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------|-------------------------------------------|--------------------------------|
|                                                                                                      |                                                                                                                  |                                                                                                                                                                            | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach         |                                           |                                |
| S-531.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA                                                                                                                                                                                                                                                                                                               | Note 2                                | 1 per 4.0 ft²  | PVC2-QL                                   | -45.0*                         |
| S-532.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                              | Note 2                                | 1 per 2.0 ft²  | PVC2-QL                                   | -45.0*                         |
| S-533.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime                                                                                                                                                                                                                                                                   | Note 2                                | 1 per 3.2 ft²  | PVC2-QL                                   | -45.0*                         |
| S-534.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime                                                                                                                                                                                                                                                                 | Note 2                                | 1 per 4.0 ft²  | PVC2-QL                                   | -45.0*                         |
| S-535.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                                                                                                                                                                                            | Note 2                                | 1 per 2.0 ft²  | PVC2-QL                                   | -45.0*                         |
| S-536.                                                                                               | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                  | Note 2                                | 1 per 1.45 ft² | PVC2-QL                                   | -52.5                          |
| S-537.                                                                                               | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                | Note 2                                | 1 per 1.6 ft²  | PVC2-QL                                   | -52.5                          |
| <b>EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b>                              |                                                                                                                  |                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |                |                                           |                                |
| S-538.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                | 1 per 2.0 ft²  | PVCX-WB                                   | -45.0*                         |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                                                                  |                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |                |                                           |                                |



**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck†<br>( <a href="#">Note 1</a> )                                                                              | Thermal Barrier / Vapor Barrier                                                                                                                                            | Insulation                                                                                                                                                                                                                             |                                       |                | Roof Cover<br>( <a href="#">Note 15</a> )        | MDP<br>( <a href="#">psf</a> ) |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------|--------------------------------------------------|--------------------------------|
|                                                                                                      |                                                                                                                  |                                                                                                                                                                            | Type                                                                                                                                                                                                                                   | Fasten<br>( <a href="#">Note 11</a> ) | Attach         |                                                  |                                |
| S-539.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN | Note 2                                | 1 per 2.0 ft²  | PVCF-WB                                          | -45.0*                         |
| S-540.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN                                                                         | Note 2                                | 1 per 4.0 ft²  | PVCF-WB                                          | -45.0*                         |
| S-541.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board        | Note 2                                | 1 per 2.0 ft²  | PVCF-WB                                          | -45.0*                         |
| S-542.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime                                             | Note 2                                | 1 per 3.2 ft²  | PVCF-WB                                          | -45.0*                         |
| S-543.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime                                           | Note 2                                | 1 per 4.0 ft²  | PVCF-WB                                          | -45.0*                         |
| S-544.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime                                            | Note 2                                | 1 per 1.45 ft² | PVCF-WB                                          | -52.5                          |
| S-545.                                                                                               | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                          | Note 2                                | 1 per 1.6 ft²  | PVCF-WB                                          | -52.5                          |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                                                                  |                                                                                                                                                                            |                                                                                                                                                                                                                                        |                                       |                |                                                  |                                |
| S-546.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                       | Note 2                                | 1 per 2.9 ft²  | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                         |
| S-547.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board        | Note 2                                | 1 per 2.0 ft²  | PVCF-LO (12-inch o.c.)                           | -45.0*                         |

**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

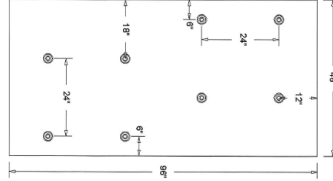
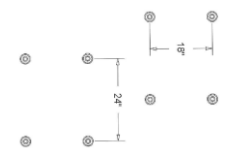
| System No. | Deck†<br>(Note 1)                                                                                                | Thermal Barrier / Vapor Barrier                                                                                                                                            | Insulation                                                                                                                                                                                                    |                     |               | Roof Cover<br>(Note 15)                          | MDP<br>(psf) |
|------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------|--------------------------------------------------|--------------|
|            |                                                                                                                  |                                                                                                                                                                            | Type                                                                                                                                                                                                          | Fasten<br>(Note 11) | Attach        |                                                  |              |
| S-548.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | Note 2              | 1 per 2.0 ft² | PVCF-LM (12-inch o.c.)                           | -45.0*       |
| S-549.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL, self-adhered | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation,                                             | Note 2              | 1 per 1.3 ft² | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0        |

†NOTE: As-tested steel deck performance under TAS 114, Appendix J indicates steel deck at max. 6' spans attached with 5/8" diameter puddle welds spaced 6" o.c. may be substituted for #12 HWH Tek 5 screws in the Table 2H assemblies to a maximum design pressure of -82.5 psf. Note 1.

**TABLE 2I: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER**

| System No. | Deck†<br>(Note 1)                                                                                                | Insulation Layer<br>(Note 13)                                  | Attachment                                                                                                                                        |                                                                                                                                                                                                                                                                 | Roof Cover (Note 15B)                                                                                | MDP<br>(psf) |
|------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------|
|            |                                                                                                                  |                                                                | Fastener (Note 11)                                                                                                                                | Density                                                                                                                                                                                                                                                         |                                                                                                      |              |
| S-550.     | Min. 22 ga., Type B, Grade 80 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 24 x 48 inch grid                                                                                                                                                                                                                                               | EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.       | -45.0        |
| S-551.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 1 per 5.3 ft² (6 parts per 4 x 8 ft board)<br>Fasteners located in each of the four corners of the board and at mid-span of the 96-inch length.<br>Fasteners are 6-inches from the board's long edges and 12-inches and 48-inches from the board's short edges. | EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.       | -45.0*       |
| S-552.     | Min. 22 ga., Type B, Grade 33 steel; 6' spans, #12 HWH Tek 5 screw 6" o.c.                                       | One or more layers, any combination                            | Drill-Tec SXHD and Drill-Tec RhinoBond PVC XHD Plate                                                                                              | 24 x 36 inch grid                                                                                                                                                                                                                                               | EverGuard PVC XK or EverGuard PVC Smooth induction welded per manufacturer's published instructions. | -45.0        |

**TABLE 21: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: MECHANICALLY ATTACHED INSULATION, INDUCTION WELDED ROOF COVER**

| System No. | Deck†<br>(Note 1)                                                                                               | Insulation Layer<br>(Note 13)                                  | Attachment                                                                                                                                        |                                                                                                                                                                                        | Roof Cover (Note 15B)                                                                                                   | MDP<br>(psf) |
|------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------|
|            |                                                                                                                 |                                                                | Fastener (Note 11)                                                                                                                                | Density                                                                                                                                                                                |                                                                                                                         |              |
| S-553.     | Min. 20 ga., type B, Grade 33 steel; 7' span, 5/8" puddle weld 6" o.c.                                          | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 1 per 4.0 ft <sup>2</sup> (8 parts per 4 x 8 ft board)<br>                                          | EverGuard PVC XK or EverGuard PVC Smooth induction welded per manufacturer's published instructions.                    | -52.5        |
| S-554.     | Min. 22 ga., Type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c.                                       | One or more layers, any combination                            | Drill-Tec SXHD and Drill-Tec RhinoBond PVC XHD Plate                                                                                              | 24 x 24 inch grid                                                                                                                                                                      | EverGuard PVC XK, EverGuard PVC or EverGuard PVC KEE Smooth induction welded per manufacturer's published instructions. | -60.0        |
| S-555.     | Min. 22 ga., Type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 24 x 24 inch grid                                                                                                                                                                      | EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.                          | -60.0        |
| S-556.     | Min. 22 ga., type B, Grade 33 steel; 6 ft span; 5/8" puddle welds, 6" o.c.                                      | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 1 per 2.7 ft <sup>2</sup> (12 parts per 4 x 8 ft board)<br>Fasteners are 6-, 24- and 42-inches from the board's long edge and 12-, 36-, 60- and 84-inches from the board's short edge. | EverGuard PVC XK or EverGuard PVC Smooth induction welded per manufacturer's published instructions.                    | -67.5        |
| S-557.     | Min. 22 ga., Type B, Grade 33 steel; 6' span, #12 HWH Tek 5 screw 6" o.c. or min. 2,500 psi structural concrete | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 16 x 24 inch grid                                                                                                                                                                      | EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.                          | -82.5        |
| S-558.     | Min. 22 ga., type B, Grade 40 steel; 6 ft span; 5/8" puddle welds, 6" o.c.                                      | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 18 x 24 inch staggered grid<br>                                                                   | EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.                          | -82.5        |
| S-559.     | Min. 22 ga., type B, Grade 60 steel; 6 ft span, 5/8" puddle welds, 6" o.c.                                      | One or more layers, any combination, min. 2-inch               | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 18 x 16 inch grid, staggered 6-inch                                                                                                                                                    | EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions.                          | -105.0       |

† NOTE: As-tested steel deck performance under TAS 114, Appendix J indicates steel deck at max. 6' spans attached with 5/8" diameter puddle welds spaced 6" o.c. may be substituted for #12 HWH Tek 5 screws in the Table 21 assemblies up to a maximum design pressure of -67.5 psf. Note 1.

**TABLE 2J: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE D-1: MECHANICALLY ATTACHED ROOF COVER**

| System No.                                | Deck <a href="#">(Note 1)</a>                                                       | Insulation <a href="#">(Note 13)</a>               |                                 | Separator Sheet (Optional)                                                   | Roof Cover <a href="#">(Note 15A)</a>    |                                                                                                                                                                                                                                                                               |                                                                                                                | <a href="#">MDP (psf)</a> |
|-------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------|------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------|
|                                           |                                                                                     | Type                                               | Attach <a href="#">(Note 5)</a> |                                                                              | Membrane                                 | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                                                                                            | Attachment                                                                                                     |                           |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK: |                                                                                     |                                                    |                                 |                                                                              |                                          |                                                                                                                                                                                                                                                                               |                                                                                                                |                           |
| S-560.                                    | Min. 22 ga., type B, Grade 33 steel; 6' spans, #12 HWH Tek5 5 screw 6" o.c.         | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec #14 Fasteners with Drill-Tec 2 in. Barbed Plate                                                                                                                                                                                                                     | 6-inch o.c. within 5-inch wide laps spaced 55-inch o.c. and sealed with a 2-inch heat weld.                    | -45.0                     |
| S-561.                                    | Min. 22 ga., type B, Grade 80 steel' 6' spans, #12 HWH Tek5 5 screw 6" o.c.         | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec XHD Fastener or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec 2-3/8" DF Barbed Seam Plate                                                                                                                                        | 6-inch o.c. within minimum 5.5-inch wide laps spaced maximum 75.5-inch o.c. and sealed with a 2-inch heat weld | -45.0                     |
| S-562.                                    | Min. 22 ga., type B, Grade 80 steel' 6' spans, #12 HWH Tek5 5 screw 6" o.c.         | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec SXHD #21 with Drill-Tec 2 ¾ in. Barbed SXHD Plate                                                                                                                                                                                                                   | 12-inch o.c. within minimum 6-inch wide laps spaced maximum 75-inch o.c. and sealed with a 2-inch heat weld    | -45.0                     |
| S-563.                                    | Min. 22 ga., type B, Grade 33 steel; 6' spans, #12 HWH Tek5 5 screw 6" o.c.         | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec XHD Fastener or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec 2-3/8" DF Barbed Seam Plate                                                                                                                                        | 6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld.                 | -45.0                     |
| EVERGUARD PVC OR EVERGUARD PVC KEE:       |                                                                                     |                                                    |                                 |                                                                              |                                          |                                                                                                                                                                                                                                                                               |                                                                                                                |                           |
| S-564.                                    | Min. 22 ga., type B, Grade 80 steel; 6' spans, #12 HWH Tek5 5 screw 6" o.c.         | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC or EverGuard PVC KEE       | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 6-inch wide laps spaced maximum 114-inch o.c. and sealed with a 1.5-inch heat weld  | -45.0                     |
| S-565.                                    | Min. 22 ga., type B, Grade 33 steel; 6 ft span, 5/8" puddle welds, 6" o.c.          | One or more layers, any combination, min. 1-inch   | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC or EverGuard PVC KEE       | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 12-inch o.c. within minimum 6-inch wide laps spaced maximum 54-inch o.c. and sealed with a 1.5-inch heat weld  | -52.5                     |
| S-566.                                    | Min. 22 ga., type B, Grade 33 steel; 6 ft span, #12-14 x 7/8 in HWH screws, 6" o.c. | One or more layers, any combination, min. 1-inch   | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC or EverGuard PVC KEE       | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 6-inch wide laps spaced maximum 54-inch o.c. and sealed with a 1.5-inch heat weld   | -60.0                     |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 3A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                         | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                        |                                         | Top Insulation Layer                                                                                                                                                                                                            |                                         | Roof Cover <a href="#">(Note 15)</a> | <a href="#">MDP (psf)*</a> |
|--------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|----------------------------|
|                                                                    |                                  | Type                                                                                                                         | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                                                            | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                            |
| EVERGUARD PVC SMOOTH OR PVC XK / EVERGUARD #2331 BONDING ADHESIVE: |                                  |                                                                                                                              |                                         |                                                                                                                                                                                                                                 |                                         |                                      |                            |
| C-1.                                                               | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                                                 | LRF-M                                   | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVC1-BA                              | -97.5                      |
| C-2.                                                               | Structural concrete              | Min. 1-inch EnergyGuard RH                                                                                                   | LRF-M                                   | (Optional) Additional layer of base insulation                                                                                                                                                                                  | LRF-M                                   | PVC1-BA                              | -162.5                     |
| C-3.                                                               | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                              | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M                                   | PVC1-BA                              | -165.0                     |
| C-4.                                                               | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | LRF-M                                   | PVC1-BA                              | -187.5                     |
| C-5.                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                         | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-M                                   | PVC1-BA                              | -202.5                     |
| C-6.                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                         | LRF-M                                   | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M                                   | PVC1-BA                              | -232.5                     |
| C-7.                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                         | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                         | LRF-M                                   | PVC1-BA                              | -232.5                     |
| C-8.                                                               | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM               | LRF-M Canister                          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                        | LRF-M Canister                          | PVC1-BA                              | -97.5                      |
| C-9.                                                               | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                                                 | LRF-M Canister                          | (Optional) Additional layer of base insulation                                                                                                                                                                                  | LRF-M Canister                          | PVC1-BA                              | -162.5                     |
| C-10.                                                              | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM    | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M Canister                          | PVC1-BA                              | -165.0                     |
| C-11.                                                              | Structural concrete              | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                          | LRF-M Canister                          | PVC1-BA                              | -202.5                     |
| C-12.                                                              | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                 | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M Canister                          | PVC1-BA                              | -232.5                     |



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***  
 REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                              |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf)* |
|------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------|
|            |                                    | Type                                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |               |
| C-13.      | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                     | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                                                                                                                            | LRF-M Canister                            | PVC1-BA                                | -232.5        |
| C-14.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                    | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-XF                                    | PVC1-BA                                | -165.0        |
| C-15.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                      | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | LRF-XF                                    | PVC1-BA                                | -187.5        |
| C-16.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-XF                                    | PVC1-BA                                | -202.5        |
| C-17.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-XF                                    | PVC1-BA                                | -232.5        |
| C-18.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                         | LRF-XF                                    | PVC1-BA                                | -232.5        |
| C-19.      | Structural concrete                | Min. 1.5-inch EnergyGuard RH                                                                                                       | OB500                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC1-BA                                | -97.5         |
| C-20.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                    | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | OB500                                     | PVC1-BA                                | -165.0        |
| C-21.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                      | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | OB500                                     | PVC1-BA                                | -187.5        |
| C-22.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                               | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                       | OB500                                     | PVC1-BA                                | -202.5        |
| C-23.      | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                     | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                              | OB500                                     | PVC1-BA                                | -202.5        |
| C-24.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                               | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                 | OB500                                     | PVC1-BA                                | -232.5        |
| C-25.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                               | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                         | OB500                                     | PVC1-BA                                | -232.5        |



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                    | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                                                  |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> )* |
|-------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------|
|                                                                               |                                    | Type                                                                                                                                                   | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                 |
| C-26.                                                                         | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                         | OB500                                     | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                     | PVC1-BA                                | -247.5                          |
| C-27.                                                                         | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                         | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                   | OB500                                     | PVC1-BA                                | -247.5                          |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE:</b> |                                    |                                                                                                                                                        |                                           |                                                                                                                                                                                           |                                           |                                        |                                 |
| C-28.                                                                         | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                         | Hot Asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                               | Hot asphalt                               | PVC2-BA                                | -45.0                           |
| C-29.                                                                         | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                   | LRF-M                                     | Additional optional layers base insulation followed by min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                   | LRF-M                                     | PVC2-BA                                | -82.5                           |
| C-30.                                                                         | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN                                   | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC2-BA                                | -90.0                           |
| C-31.                                                                         | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                           | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC2-BA                                | -97.5                           |
| C-32.                                                                         | Structural concrete                | Min. 1-inch EnergyGuard RH                                                                                                                             | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M                                     | PVC2-BA                                | -162.5                          |
| C-33.                                                                         | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Additional optional layers base insulation followed by min. 0.25-inch SECURROCK Ultralight Coated Glass-Mat Roof Board                                                                    | LRF-M                                     | PVC2-BA                                | -165.0                          |
| C-34.                                                                         | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                        | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-BA                                | -165.0                          |
| C-35.                                                                         | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                                          | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                     | PVC2-BA                                | -187.5                          |
| C-36.                                                                         | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                   | LRF-M                                     | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECURROCK Gypsum-Fiber Roof Board                                | LRF-M                                     | PVC2-BA                                | -232.5                          |
| C-37.                                                                         | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                   | LRF-M                                     | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                     | PVC2-BA                                | -292.5                          |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***  
 REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf)* |
|------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------|
|            |                                    | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |               |
| C-38.      | Structural concrete                | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                             | LRF-M, 6-inch o.c.                        | None                                                                                                                                                                                      | N/A                                       | PVC2-BA                                | -405.0        |
| C-39.      | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M Canister                            | PVC2-BA                                | -97.5         |
| C-40.      | Structural concrete                | Min. 1.5-inch EnergyGuard RH                                                                                              | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M Canister                            | PVC2-BA                                | -162.5        |
| C-41.      | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                            | PVC2-BA                                | -165.0        |
| C-42.      | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                            | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M Canister                            | PVC2-BA                                | -232.5        |
| C-43.      | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                            | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M Canister                            | PVC2-BA                                | -247.5        |
| C-44.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA                      | LRF-XF                                    | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC2-BA                                | -90.0         |
| C-45.      | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                              | LRF-XF                                    | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | LRF-XF                                    | PVC2-BA                                | -130.0        |
| C-46.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                    | PVC2-BA                                | -165.0        |
| C-47.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                             | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-XF                                    | PVC2-BA                                | -187.5        |
| C-48.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                    | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-XF                                    | PVC2-BA                                | -232.5        |
| C-49.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                    | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                 | LRF-XF                                    | PVC2-BA                                | -232.5        |
| C-50.      | Structural concrete                | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                                | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board                                                                                                        | LRF-XF                                    | PVC2-BA                                | -247.5        |
| C-51.      | Structural concrete                | Min. 1.5-inch thick, min. 2.0 pcf Insulfoam Roofing EPS                                                                   | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                     | PVC2-BA                                | -45.0         |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***  
 REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                                                |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> )* |
|------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------|
|            |                                    | Type                                                                                                                                                 | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                 |
| C-52.      | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                         | OB500                                     | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                     | PVC2-BA                                | -45.0                           |
| C-53.      | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                         | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                     | PVC2-BA                                | -52.5                           |
| C-54.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN                                 | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA                                | -90.0                           |
| C-55.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                         | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA                                | -97.5                           |
| C-56.      | Structural concrete                | Min. 2-inch, min. 2.0 pcf, Insulfoam Roofing EPS                                                                                                     | OB500                                     | Min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                | OB500                                     | PVC2-BA                                | -120.0                          |
| C-57.      | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                         | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board                                                                                                        | OB500                                     | PVC2-BA                                | -127.5                          |
| C-58.      | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                       | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                     | PVC2-BA                                | -130.0                          |
| C-59.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                     | OB500                                     | PVC2-BA                                | -165.0                          |
| C-60.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                      | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVC2-BA                                | -165.0                          |
| C-61.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                                        | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                     | PVC2-BA                                | -187.5                          |
| C-62.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                        | OB500                                     | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                          | OB500                                     | PVC2-BA                                | -202.5                          |
| C-63.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                   | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                 | OB500                                     | PVC2-BA                                | -232.5                          |
| C-64.      | Structural concrete                | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                                                       | OB500                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | OB500                                     | PVC2-BA                                | -240.0                          |
| C-65.      | Structural concrete                | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                         | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or DEXcell FA Glass Mat Roof Board                                                                                                        | OB500                                     | PVC2-BA                                | -247.5                          |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                               | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br>(psf)* |
|----------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|---------------|
|                                                          |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |               |
| C-66.                                                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | OB500                                   | (Optional) Additional layers of base insulation                                                                                                                                           | OB500                                   | PVC2-BA                              | -292.5        |
| C-67.                                                    | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | OB500                                   | None                                                                                                                                                                                      | N/A                                     | PVC2-BA                              | -397.5        |
| C-68.                                                    | Structural concrete              | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                             | OB500, 6-inch o.c.                      | None                                                                                                                                                                                      | N/A                                     | PVC2-BA                              | -405.0        |
| C-69.                                                    | Structural concrete              | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA                                                                | OB500                                   | None                                                                                                                                                                                      | N/A                                     | PVC2-BA                              | -502.5        |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE:</b> |                                  |                                                                                                                           |                                         |                                                                                                                                                                                           |                                         |                                      |               |
| C-70.                                                    | Structural concrete              | Min. 1.5-inch EnergyGuard RA                                                                                              | hot asphalt                             | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                                                                  | hot asphalt                             | PVC2-QL                              | -45.0         |
| C-71.                                                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN      | LRF-M                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVC2-QL                              | -90.0         |
| C-72.                                                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH      | LRF-M                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVC2-QL                              | -97.5         |
| C-73.                                                    | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                   | PVC2-QL                              | -165.0        |
| C-74.                                                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-M                                   | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M                                   | PVC2-QL                              | -232.5        |
| C-75.                                                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | LRF-M                                   | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                   | PVC2-QL                              | -292.5        |
| C-76.                                                    | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M Canister                          | PVC2-QL                              | -97.5         |
| C-77.                                                    | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                          | PVC2-QL                              | -165.0        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***  
 REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> )* |
|------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------|
|            |                                    | Type                                                                                                                 | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                 |
| C-78.      | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                            | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M Canister                            | PVC2-QL                                | -232.5                          |
| C-79.      | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                         | LRF-M Canister                            | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M Canister                            | PVC2-QL                                | -247.5                          |
| C-80.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA                 | LRF-XF                                    | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC2-QL                                | -90.0                           |
| C-81.      | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                         | LRF-XF                                    | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-XF                                    | PVC2-QL                                | -130.0                          |
| C-82.      | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                      | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                    | PVC2-QL                                | -165.0                          |
| C-83.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | LRF-XF                                    | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-XF                                    | PVC2-QL                                | -232.5                          |
| C-84.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                   | LRF-XF                                    | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                    | PVC2-QL                                | -232.5                          |
| C-85.      | Structural concrete                | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                           | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-QL                                | -247.5                          |
| C-86.      | Structural concrete                | Min. 1.5-inch, min. 2.0 pcf, Insulfoam Roofing EPS                                                                   | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC2-QL                                | -45.0                           |
| C-87.      | Structural concrete                | Min. 1-inch EnergyGuard RA                                                                                           | OB500                                     | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                     | PVC2-QL                                | -45.0                           |
| C-88.      | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                         | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC2-QL                                | -52.5                           |
| C-89.      | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-QL                                | -90.0                           |
| C-90.      | Structural concrete                | Min. 1.5-inch EnergyGuard RH                                                                                         | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-QL                                | -97.5                           |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                        | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                 |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf)* |
|-----------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------|
|                                                                                   |                                    | Type                                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |               |
| C-91.                                                                             | Structural concrete                | Min. 2-inch, min. 2.0 pcf, Insulfoam Roofing EPS                                                                      | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC2-QL                                | -120.0        |
| C-92.                                                                             | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                          | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                     | PVC2-QL                                | -127.5        |
| C-93.                                                                             | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                        | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC2-QL                                | -130.0        |
| C-94.                                                                             | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                       | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVC2-QL                                | -165.0        |
| C-95.                                                                             | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                    | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | OB500                                     | PVC2-QL                                | -232.5        |
| C-96.                                                                             | Structural concrete                | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                        | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVC2-QL                                | -240.0        |
| C-97.                                                                             | Structural concrete                | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                          | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                     | PVC2-QL                                | -247.5        |
| C-98.                                                                             | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                  | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                           | OB500                                     | PVC2-QL                                | -292.5        |
| C-99.                                                                             | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA       | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                            | OB500                                     | PVC2-QL                                | -270.0        |
| C-100.                                                                            | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                                        | OB500                                     | None                                                                                                                                                                                      | N/A                                       | PVC2-QL                                | -375.0        |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                    |                                                                                                                       |                                           |                                                                                                                                                                                           |                                           |                                        |               |
| C-101.                                                                            | Structural concrete                | Min. 1.5-inch EnergyGuard RA                                                                                          | hot asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                                                                  | hot asphalt                               | PVC1-QS or PVC2-QS                     | -45.0         |
| C-102.                                                                            | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC1-QS or PVC2-QS                     | -90.0         |
| C-103.                                                                            | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                          | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC1-QS or PVC2-QS                     | -97.5         |



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> * |
|------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|--------------------------------|
|            |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                                |
| C-104.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                   | PVC1-QS or PVC2-QS                   | -165.0                         |
| C-105.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-M                                   | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                      | LRF-M                                   | PVC1-QS or PVC2-QS                   | -210.0                         |
| C-106.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M                                   | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                   | PVC1-QS or PVC2-QS                   | -292.5                         |
| C-107.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M Canister                          | PVC1-QS or PVC2-QS                   | -97.5                          |
| C-108.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                          | PVC1-QS or PVC2-QS                   | -165.0                         |
| C-109.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                      | LRF-M Canister                          | PVC1-QS or PVC2-QS                   | -210.0                         |
| C-110.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M Canister                          | PVC1-QS or PVC2-QS                   | -247.5                         |
| C-111.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA                        | LRF-XF                                  | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                  | PVC1-QS or PVC2-QS                   | -90.0                          |
| C-112.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                              | LRF-XF                                  | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-XF                                  | PVC1-QS or PVC2-QS                   | -130.0                         |
| C-113.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                  | PVC1-QS or PVC2-QS                   | -165.0                         |
| C-114.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-XF                                  | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime                                                                                                      | LRF-XF                                  | PVC1-QS or PVC2-QS                   | -210.0                         |
| C-115.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-XF                                  | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-XF                                  | PVC1-QS or PVC2-QS                   | -232.5                         |
| C-116.     | Structural concrete              | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                        | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                   | PVC1-QS or PVC2-QS                   | -45.0                          |
| C-117.     | Structural concrete              | Min. 1-inch EnergyGuard RA                                                                                                | OB500                                   | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                   | PVC1-QS or PVC2-QS                   | -45.0                          |
| C-118.     | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                              | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                   | PVC1-QS or PVC2-QS                   | -52.5                          |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                      | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                 |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> )* |
|---------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------|
|                                                                                 |                                    | Type                                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                 |
| C-119.                                                                          | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC1-QS or PVC2-QS                     | -90.0                           |
| C-120.                                                                          | Structural concrete                | Min. 1.5-inch EnergyGuard RH                                                                                          | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC1-QS or PVC2-QS                     | -97.5                           |
| C-121.                                                                          | Structural concrete                | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                      | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                     | -120.0                          |
| C-122.                                                                          | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                        | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                     | -130.0                          |
| C-123.                                                                          | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                               | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVC1-QS or PVC2-QS                     | -165.0                          |
| C-124.                                                                          | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra or min. 1.5-inch EnergyGuard RA or EnergyGuard RN     | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime                                                                                                      | OB500                                     | PVC1-QS or PVC2-QS                     | -210.0                          |
| C-125.                                                                          | Structural concrete                | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA    | OB500                                     | Min. 0.625-inch DensDeck Prime                                                                                                                                                            | OB500                                     | PVC2-QS                                | -232.5                          |
| C-126.                                                                          | Structural concrete                | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA    | OB500                                     | Min. 0.625-inch DensDeck Prime                                                                                                                                                            | OB500                                     | PVC1-QS                                | -247.5                          |
| C-127.                                                                          | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                  | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                           | OB500                                     | PVC1-QS or PVC2-QS                     | -292.5                          |
| C-128.                                                                          | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA       | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                               | OB500                                     | PVC1-QS or PVC2-QS                     | -270.0                          |
| C-129.                                                                          | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA                  | OB500                                     | Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                          | OB500                                     | PVC1-QS or PVC2-QS                     | -270.0                          |
| C-130.                                                                          | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA                  | OB500                                     | None                                                                                                                                                                                      | N/A                                       | PVC1-QS or PVC2-QS                     | -375.0                          |
| <b>EVERGUARD PVC XK FLEECEBACK IN HOT ASPHALT:</b>                              |                                    |                                                                                                                       |                                           |                                                                                                                                                                                           |                                           |                                        |                                 |
| C-131.                                                                          | Structural concrete (primed)       | Min. 1-inch EnergyGuard RH                                                                                            | HA                                        | (Optional) Additional layers of base insulation                                                                                                                                           | HA                                        | PVCX-HA                                | -490.0                          |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN HOT ASPHALT:</b> |                                    |                                                                                                                       |                                           |                                                                                                                                                                                           |                                           |                                        |                                 |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***  
 REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                              | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                        |                                         | Top Insulation Layer                                                                                                                                                                                                            |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> * |
|-------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|--------------------------------|
|                                                                         |                                  | Type                                                                                                                         | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                                                            | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                                |
| C-132.                                                                  | Structural concrete (primed)     | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation                         | Hot Asphalt                             | Min. 0.25-inch DensDeck                                                                                                                                                                                                         | Hot asphalt                             | PVCF-HA                              | -45.0                          |
| C-133.                                                                  | Structural concrete (primed)     | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN         | hot asphalt                             | (Optional) Additional layers of base insulation                                                                                                                                                                                 | hot asphalt                             | PVCF-HA                              | -382.5                         |
| C-134.                                                                  | Structural concrete (primed)     | Min. 1-inch EnergyGuard RH                                                                                                   | Hot asphalt                             | None                                                                                                                                                                                                                            | N/A                                     | PVCF-HA                              | -470.0                         |
| C-135.                                                                  | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation                         | OB500                                   | Min. 0.25-inch DensDeck                                                                                                                                                                                                         | OB500                                   | PVCF-HA                              | -45.0                          |
| <b>EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                  |                                                                                                                              |                                         |                                                                                                                                                                                                                                 |                                         |                                      |                                |
| C-136.                                                                  | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                           | LRF-M                                   | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M                                   | PVCX-WB                              | -90.0                          |
| C-137.                                                                  | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | LRF-M                                   | PVCX-WB                              | -90.0                          |
| C-138.                                                                  | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                           | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-M                                   | PVCX-WB                              | -90.0                          |
| C-139.                                                                  | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                                                 | LRF-M                                   | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVCX-WB                              | -97.5                          |
| C-140.                                                                  | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                 | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M Canister                          | PVCX-WB                              | -90.0                          |
| C-141.                                                                  | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM    | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M Canister                          | PVCX-WB                              | -90.0                          |
| C-142.                                                                  | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM               | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-M Canister                          | PVCX-WB                              | -90.0                          |
| C-143.                                                                  | Structural concrete              | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                        | LRF-M Canister                          | PVCX-WB                              | -97.5                          |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                                           | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                                                |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf)* |
|------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------|
|                                                                                                      |                                    | Type                                                                                                                                                 | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |               |
| C-144.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH                   | LRF-XF                                    | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-XF                                    | PVCX-WB                                | -90.0         |
| C-145.                                                                                               | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                        | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | LRF-XF                                    | PVCX-WB                                | -90.0         |
| C-146.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH                   | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-XF                                    | PVCX-WB                                | -90.0         |
| C-147.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                 | OB500                                     | PVCX-WB                                | -90.0         |
| C-148.                                                                                               | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                        | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | OB500                                     | PVCX-WB                                | -90.0         |
| C-149.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | OB500                                     | PVCX-WB                                | -90.0         |
| C-150.                                                                                               | Structural concrete                | Min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCX-WB                                | -97.5         |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                    |                                                                                                                                                      |                                           |                                                                                                                                                                                                                                 |                                           |                                        |               |
| C-151.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                         | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                       | LRF-M                                     | PVCF-WB                                | -97.5         |
| C-152.                                                                                               | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                      | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M                                     | PVCF-WB                                | -165.0        |
| C-153.                                                                                               | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                                        | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | LRF-M                                     | PVCF-WB                                | -187.5        |
| C-154.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                   | LRF-M                                     | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-M                                     | PVCF-WB                                | -232.5        |
| C-155.                                                                                               | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                   | LRF-M                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M                                     | PVCF-WB                                | -292.5        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                                   |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> * |
|------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|--------------------------------|
|            |                                  | Type                                                                                                                                    | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                                |
| C-156.     | Structural concrete              | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M Canister                          | PVCF-WB                              | -97.5                          |
| C-157.     | Structural concrete              | (Optional) Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                          | PVCF-WB                              | -165.0                         |
| C-158.     | Structural concrete              | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M Canister                          | PVCF-WB                              | -232.5                         |
| C-159.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                            | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M Canister                          | PVCF-WB                              | -247.5                         |
| C-160.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                         | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                  | PVCF-WB                              | -165.0                         |
| C-161.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                           | LRF-XF                                  | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-XF                                  | PVCF-WB                              | -187.5                         |
| C-162.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                      | LRF-XF                                  | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                  | PVCF-WB                              | -232.5                         |
| C-163.     | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                            | OB500                                   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                   | PVCF-WB                              | -52.5                          |
| C-164.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                    | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVCF-WB                              | -97.5                          |
| C-165.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                         | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                   | PVCF-WB                              | -165.0                         |
| C-166.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                           | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                   | PVCF-WB                              | -187.5                         |
| C-167.     | Structural concrete              | Min. 1-inch EnergyGuard RA or EnergyGuard RN                                                                                            | OB500                                   | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                   | PVCF-WB                              | -127.5                         |
| C-168.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                                          | OB500                                   | (Optional) Additional layers base insulation                                                                                                                                              | OB500                                   | PVCF-WB                              | -225.0                         |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                              | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                                |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> )           | MDP<br>(psf)* |
|-------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|---------------|
|                                                                         |                                    | Type                                                                                                                                 | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |               |
| C-169.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                   | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-WB                                          | -232.5        |
| C-170.                                                                  | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                       | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                        | OB500                                     | PVCF-WB                                          | -240.0        |
| C-171.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                   | OB500                                     | (Optional) Additional layers of base insulation                                                                          | OB500                                     | PVCF-WB                                          | -292.5        |
| <b>EVERGUARD PVC XK FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                    |                                                                                                                                      |                                           |                                                                                                                          |                                           |                                                  |               |
| C-172.                                                                  | Structural concrete                | Min. 1-inch EnergyGuard RH                                                                                                           | LRF-M                                     | (Optional) Additional layers of base insulation                                                                          | LRF-M                                     | PVCX-LM (6-inch o.c.)                            | -45.0         |
| C-173.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | LRF-M                                     | PVCX-LO (12-inch o.c.)                           | -45.0         |
| C-174.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M                                     | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0         |
| C-175.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCX-LM (12-inch o.c.)                           | -45.0         |
| C-176.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                   | LRF-M                                     | (Optional) Additional layers of base insulation                                                                          | LRF-M                                     | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -60.0         |
| C-177.                                                                  | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M                                     | PVCX-LM or PVCX-LO, 12-inch o.c.                 | -60.0         |
| C-178.                                                                  | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -165.0        |
| C-179.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN                   | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -180.0        |
| C-180.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN                   | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCX-LM (4-inch o.c.)                            | -180.0        |
| C-181.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN                   | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-M                                     | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -180.0        |
| C-182.                                                                  | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN                   | LRF-M                                     | (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                | LRF-M                                     | PVCX-LM (4-inch o.c.)                            | -180.0        |



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***  
 REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a>             | MDP<br><a href="#">(psf)</a> * |
|------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|--------------------------------|
|            |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                                  |                                |
| C-183.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                             | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                   | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -180.0                         |
| C-184.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-M                                   | None                                                                                                                     | N/A                                     | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -195.0                         |
| C-185.     | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                                              | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                          | LRF-M Canister                          | PVCX-LM, 6-inch o.c.                             | -45.0                          |
| C-186.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | LRF-M Canister                          | PVCX-LO, 12-inch o.c.                            | -45.0                          |
| C-187.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M Canister                          | PVCX-LM or PVCX-LO, 12-inch o.c.                 | -45.0                          |
| C-188.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                          | LRF-M Canister                          | PVCX-LM or PVCX-LO, 12-inch o.c.                 | -60.0                          |
| C-189.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                          | PVCX-LM or PVCX-LO, 12-inch o.c.                 | -60.0                          |
| C-190.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                          | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -165.0                         |
| C-191.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                          | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -180.0                         |
| C-192.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN                                            | LRF-M Canister                          | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-M Canister                          | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -180.0                         |
| C-193.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-M Canister                          | None                                                                                                                     | LRF-M Canister                          | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -195.0                         |
| C-194.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RH      | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | LRF-XF                                  | PVCX-LO (12-inch o.c.)                           | -45.0                          |
| C-195.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RH      | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                                  | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0                          |
| C-196.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RH      | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                  | PVCX-LM (12-inch o.c.)                           | -45.0                          |
| C-197.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                  | (Optional) Additional layers of base insulation                                                                          | LRF-XF                                  | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -60.0                          |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                                |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a>             | MDP<br><a href="#">(psf)</a> *<br><br>(psf)* |
|------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|----------------------------------------------|
|            |                                  | Type                                                                                                                                 | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                                  |                                              |
| C-198.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                  | PVCX-LM or PVCX-LO, 12-inch o.c.                 | -60.0                                        |
| C-199.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                  | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -165.0                                       |
| C-200.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                                   | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                  | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -180.0                                       |
| C-201.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                                   | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                  | PVCX-LM (4-inch o.c.)                            | -180.0                                       |
| C-202.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                                   | LRF-XF                                  | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-XF                                  | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -180.0                                       |
| C-203.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                                   | LRF-XF                                  | (Optional) Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                              | LRF-XF                                  | PVCX-LM (4-inch o.c.)                            | -180.0                                       |
| C-204.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                        | LRF-XF                                  | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                  | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -180.0                                       |
| C-205.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                    | LRF-XF                                  | None                                                                                                                     | N/A                                     | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -195.0                                       |
| C-206.     | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                         | OB500                                   | (Optional) Additional layers of base insulation                                                                          | OB500                                   | PVCX-LM (6-inch o.c.) or PVCX-LO (6-inch o.c.)   | -45.0                                        |
| C-207.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RH                 | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | OB500                                   | PVCX-LO (12-inch o.c.)                           | -45.0                                        |
| C-208.     | Structural concrete              | (Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                              | OB500                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | OB500                                   | PVCX-LM (6-inch o.c.)                            | -45.0                                        |
| C-209.     | Structural concrete              | (Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                              | OB500                                   | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | OB500                                   | PVCX-LM (6-inch o.c.)                            | -45.0                                        |
| C-210.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                   | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0                                        |
| C-211.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                   | PVCX-LM (12-inch o.c.)                           | -45.0                                        |
| C-212.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                   | OB500                                   | (Optional) Additional layers of base insulation                                                                          | OB500                                   | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -60.0                                        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                                           | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                              |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a>             | MDP<br>(psf)* |
|------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|---------------|
|                                                                                                      |                                  | Type                                                                                                               | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                                  |               |
| C-213.                                                                                               | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                      | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                   | PVCX-LM or PVCX-LO, 12-inch o.c.                 | -60.0         |
| C-214.                                                                                               | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                    | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                   | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -165.0        |
| C-215.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -180.0        |
| C-216.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                   | PVCX-LM (4-inch o.c.)                            | -180.0        |
| C-217.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | OB500                                   | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | OB500                                   | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -180.0        |
| C-218.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | OB500                                   | (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                | OB500                                   | PVCX-LM (4-inch o.c.)                            | -180.0        |
| C-219.                                                                                               | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                      | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                   | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -180.0        |
| C-220.                                                                                               | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                  | OB500                                   | None                                                                                                                     | N/A                                     | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -195.0        |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                  |                                                                                                                    |                                         |                                                                                                                          |                                         |                                                  |               |
| C-221.                                                                                               | Structural concrete              | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                     | LRF-M                                   | (Optional) Additional layers base insulation                                                                             | LRF-M                                   | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0         |
| C-222.                                                                                               | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN                                                         | LRF-M                                   | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M                                   | PVCF-LO (12-inch o.c.)                           | -45.0         |
| C-223.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                   | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                     | LRF-M                                   | PVCF-LO (12-inch o.c.)                           | -45.0         |
| C-224.                                                                                               | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN                                                         | LRF-M                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M                                   | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0         |
| C-225.                                                                                               | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN                                                         | LRF-M                                   | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | LRF-M                                   | PVCF-LM (12-inch o.c.)                           | -45.0         |
| C-226.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                   | Additional optional layers base insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M                                   | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0         |
| C-227.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                   | Additional optional layers base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                   | PVCF-LM (12-inch o.c.)                           | -45.0         |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> )           | MDP<br>( <a href="#">psf</a> )* |
|------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|---------------------------------|
|            |                                    | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |                                 |
| C-228.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN      | LRF-M                                     | (Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board    | LRF-M                                     | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0                           |
| C-229.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN      | LRF-M                                     | (Optional) Additional layers base insulation and/or min. 0.25-inch DEXcell FA Glass Mat Roof Board                       | LRF-M                                     | PVCF-LM (12-inch o.c.)                           | -60.0                           |
| C-230.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                             | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -60.0                           |
| C-231.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -165.0                          |
| C-232.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RN, EnergyGuard RM                                              | LRF-M                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                       | LRF-M                                     | PVCF-LM (12-inch o.c.)                           | -67.5                           |
| C-233.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN        | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -180.0                          |
| C-234.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN        | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCF-LM (4-inch o.c.)                            | -180.0                          |
| C-235.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                             | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -180.0                          |
| C-236.     | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-M                                     | None                                                                                                                     | N/A                                       | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -195.0                          |
| C-237.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | LRF-M                                     | (Optional) Additional layers base insulation                                                                             | LRF-M                                     | PVCF-LM (4-inch o.c.)                            | -210.0                          |
| C-238.     | Structural concrete                | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                            | LRF-M Canister                            | (Optional) Additional layers base insulation                                                                             | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -45.0                           |
| C-239.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                            | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                     | LRF-M Canister                            | PVCF-LO, 12-inch o.c.                            | -45.0                           |
| C-240.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                            | Additional optional layers base insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -45.0                           |
| C-241.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN                                           | LRF-M Canister                            | (Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board    | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -60.0                           |
| C-242.     | Structural concrete                | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -165.0                          |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                          |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> )           | MDP<br>( <a href="#">psf</a> )* |
|------------|------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|---------------------------------|
|            |                                    | Type                                                                                                           | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |                                 |
| C-243.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                        | LRF-M Canister                            | PVCF-LM, 12-inch o.c.                            | -67.5                           |
| C-244.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCF-LM or PVCF-LO, 4-inch o.c.                  | -180.0                          |
| C-245.     | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                              | LRF-M Canister                            | None                                                                                                                     | N/A                                       | PVCF-LM or PVCF-LO, 4-inch o.c.                  | -195.0                          |
| C-246.     | Structural concrete                | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-M Canister                            | (Optional) Additional layers base insulation                                                                             | LRF-M Canister                            | PVCF-LM, 4-inch o.c.                             | -210.0                          |
| C-247.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                             | LRF-XF                                    | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | LRF-XF                                    | PVCF-LO (12-inch o.c.)                           | -45.0                           |
| C-248.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                             | LRF-XF                                    | Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                                    | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0                           |
| C-249.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                             | LRF-XF                                    | Additional optional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-LM (12-inch o.c.)                           | -45.0                           |
| C-250.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA             | LRF-XF                                    | (Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board    | LRF-XF                                    | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0                           |
| C-251.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA             | LRF-XF                                    | (Optional) Additional layers base insulation and/or min. 0.25-inch DEXcell FA Glass Mat Roof Board                       | LRF-XF                                    | PVCF-LM (12-inch o.c.)                           | -60.0                           |
| C-252.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                  | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -60.0                           |
| C-253.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                        | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -165.0                          |
| C-254.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH             | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -180.0                          |
| C-255.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH             | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-LM (4-inch o.c.)                            | -180.0                          |
| C-256.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                  | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -180.0                          |
| C-257.     | Structural concrete                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                              | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -195.0                          |



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                                |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> )           | MDP<br>(psf)* |
|------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|---------------|
|            |                                    | Type                                                                                                                 | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |               |
| C-258.     | Structural concrete                | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                       | OB500                                     | (Optional) Additional layers base insulation                                                                             | OB500                                     | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0         |
| C-259.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN                                                           | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                            | OB500                                     | PVCF-LO (12-inch o.c.)                           | -45.0         |
| C-260.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                   | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | OB500                                     | PVCF-LO (12-inch o.c.)                           | -45.0         |
| C-261.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN                                                           | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | OB500                                     | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0         |
| C-262.     | Structural concrete                | Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN                                                           | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | OB500                                     | PVCF-LM (12-inch o.c.)                           | -45.0         |
| C-263.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                   | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                     | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0         |
| C-264.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                   | OB500                                     | Additional optional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCF-LM (12-inch o.c.)                           | -45.0         |
| C-265.     | Structural concrete                | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                       | OB500                                     | (Optional) Additional layer of base insulation                                                                           | OB500                                     | PVCF-LO (12-inch o.c.)                           | -45.0         |
| C-266.     | Structural concrete                | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                       | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                        | OB500                                     | PVCF-LO (12-inch o.c.)                           | -45.0         |
| C-267.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN | OB500                                     | (Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board    | OB500                                     | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0         |
| C-268.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN | OB500                                     | (Optional) Additional layers base insulation and/or min. 0.25-inch DEXcell FA Glass Mat Roof Board                       | OB500                                     | PVCF-LM (12-inch o.c.)                           | -60.0         |
| C-269.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                        | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -60.0         |
| C-270.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                      | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -165.0        |
| C-271.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN   | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -180.0        |
| C-272.     | Structural concrete                | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN   | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCF-LM (4-inch o.c.)                            | -180.0        |
| C-273.     | Structural concrete                | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                        | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -180.0        |



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                  | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a>           | MDP<br><a href="#">(psf)</a> * |
|-------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------|--------------------------------|
|                                                             |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                                |                                |
| C-274.                                                      | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | OB500                                   | None                                                                                                                     | N/A                                     | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -195.0                         |
| <b>EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                  |                                                                                                                           |                                         |                                                                                                                          |                                         |                                                |                                |
| C-275.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-M                                   | (Optional) Additional layers of base insulation                                                                          | LRF-M                                   | PVCX-OB                                        | -60.0                          |
| C-276.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                   | PVCX-OB                                        | -165.0                         |
| C-277.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                             | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                   | PVCX-OB                                        | -180.0                         |
| C-278.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN        | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                   | PVCX-OB                                        | -180.0                         |
| C-279.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN        | LRF-M                                   | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-M                                   | PVCX-OB                                        | -180.0                         |
| C-280.                                                      | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-M                                   | None                                                                                                                     | N/A                                     | PVCX-OB                                        | -195.0                         |
| C-281.                                                      | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                          | LRF-M Canister                          | PVCX-OB                                        | -60.0                          |
| C-282.                                                      | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                          | PVCX-OB                                        | -165.0                         |
| C-283.                                                      | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                          | PVCX-OB                                        | -180.0                         |
| C-284.                                                      | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN                                            | LRF-M Canister                          | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-M Canister                          | PVCX-OB                                        | -180.0                         |
| C-285.                                                      | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-M Canister                          | None                                                                                                                     | LRF-M Canister                          | PVCX-OB                                        | -195.0                         |
| C-286.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                  | (Optional) Additional layers of base insulation                                                                          | LRF-XF                                  | PVCX-OB                                        | -60.0                          |
| C-287.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                  | PVCX-OB                                        | -165.0                         |
| C-288.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                             | LRF-XF                                  | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                  | PVCX-OB                                        | -180.0                         |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                               | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> * |
|------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|--------------------------------|
|                                                                                          |                                  | Type                                                                                                                 | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                                |
| C-289.                                                                                   | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                   | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                  | PVCX-OB                              | -180.0                         |
| C-290.                                                                                   | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                   | LRF-XF                                  | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                              | LRF-XF                                  | PVCX-OB                              | -180.0                         |
| C-291.                                                                                   | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-XF                                  | None                                                                                                                                                                                      | N/A                                     | PVCX-OB                              | -195.0                         |
| C-292.                                                                                   | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                   | OB500                                   | (Optional) Additional layers of base insulation                                                                                                                                           | OB500                                   | PVCX-OB                              | -60.0                          |
| C-293.                                                                                   | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                      | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                   | PVCX-OB                              | -165.0                         |
| C-294.                                                                                   | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                        | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                   | PVCX-OB                              | -180.0                         |
| C-295.                                                                                   | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN   | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | OB500                                   | PVCX-OB                              | -180.0                         |
| C-296.                                                                                   | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN   | OB500                                   | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                              | OB500                                   | PVCX-OB                              | -180.0                         |
| C-297.                                                                                   | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                    | OB500                                   | None                                                                                                                                                                                      | N/A                                     | PVCX-OB                              | -195.0                         |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                  |                                                                                                                      |                                         |                                                                                                                                                                                           |                                         |                                      |                                |
| C-298.                                                                                   | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN | LRF-M                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVCF-XF or PVCF-OB                   | -90.0                          |
| C-299.                                                                                   | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                      | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                   | PVCF-XF or PVCF-OB                   | -165.0                         |
| C-300.                                                                                   | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                        | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                   | PVCF-XF or PVCF-OB                   | -180.0                         |
| C-301.                                                                                   | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                   | LRF-M                                   | (Optional) Additional layers base insulation                                                                                                                                              | LRF-M                                   | PVCF-XF or PVCF-OB                   | -180.0                         |
| C-302.                                                                                   | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN   | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M                                   | PVCF-XF or PVCF-OB                   | -180.0                         |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***  
 REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> * |
|------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|--------------------------------|
|            |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                                |
| C-303.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN        | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                     | LRF-M                                   | PVCF-XF                              | -180.0                         |
| C-304.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-M                                   | None                                                                                                                                                                                      | N/A                                     | PVCF-XF or PVCF-OB                   | -195.0                         |
| C-305.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M Canister                          | PVCF-XF or PVCF-OB                   | -90.0                          |
| C-306.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                          | PVCF-XF or PVCF-OB                   | -165.0                         |
| C-307.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                          | (Optional) Additional layers base insulation                                                                                                                                              | LRF-M Canister                          | PVCF-XF or PVCF-OB                   | -180.0                         |
| C-308.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M Canister                          | PVCF-XF or PVCF-OB                   | -180.0                         |
| C-309.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-M Canister                          | None                                                                                                                                                                                      | N/A                                     | PVCF-XF or PVCF-OB                   | -195.0                         |
| C-310.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA                        | LRF-XF                                  | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                  | PVCF-XF or PVCF-OB                   | -90.0                          |
| C-311.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                  | PVCF-XF or PVCF-OB                   | -165.0                         |
| C-312.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                             | LRF-XF                                  | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-XF                                  | PVCF-XF or PVCF-OB                   | -180.0                         |
| C-313.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                  | (Optional) Additional layers base insulation                                                                                                                                              | LRF-XF                                  | PVCF-XF or PVCF-OB                   | -180.0                         |
| C-314.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                        | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                  | PVCF-XF or PVCF-OB                   | -180.0                         |
| C-315.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                        | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                     | LRF-XF                                  | PVCF-XF                              | -180.0                         |
| C-316.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-XF                                  | None                                                                                                                                                                                      | LRF-XF                                  | PVCF-XF or PVCF-OB                   | -195.0                         |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

REFER TO [NOTE 11](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> * |
|------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|--------------------------------|
|            |                                  | Type                                                                                                                 | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                                |
| C-317.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVCF-XF or PVCF-OB                   | -90.0                          |
| C-318.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                      | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                   | PVCF-XF or PVCF-OB                   | -165.0                         |
| C-319.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                        | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                   | PVCF-XF or PVCF-OB                   | -180.0                         |
| C-320.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                   | OB500                                   | (Optional) Additional layers base insulation                                                                                                                                              | OB500                                   | PVCF-XF or PVCF-OB                   | -180.0                         |
| C-321.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN   | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | OB500                                   | PVCF-XF or PVCF-OB                   | -180.0                         |
| C-322.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN   | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                     | OB500                                   | PVCF-XF                              | -180.0                         |
| C-323.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                    | OB500                                   | None                                                                                                                                                                                      | N/A                                     | PVCF-XF or PVCF-OB                   | -195.0                         |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY\***

REFER TO [NOTE 11](#) FOR VAPOR BARRIER OPTIONS

| System No.                | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                         |                                         | Top Insulation Layer                                                                                                                                                                                                                                                                        |                                         | Roof Cover <a href="#">(Note 15)</a> |                                                  | <a href="#">MDP (psf)*</a> |
|---------------------------|----------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|--------------------------------------------------|----------------------------|
|                           |                                  | Type                                                                                          | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                                                                                                                        | Attach<br><a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                          |                            |
| ASPHALT-APPLIED BASE PLY: |                                  |                                                                                               |                                         |                                                                                                                                                                                                                                                                                             |                                         |                                      |                                                  |                            |
| C-324.                    | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | Hot asphalt                             | Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board, min. 0.5-inch EnergyGuard Perlite Recover Board or Structodek High Density Fiberboard Roof Insulation, min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 1.5-inch EnergyGuard Composite | Hot asphalt                             | SBS-AA                               | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0                      |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY\***  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck <a href="#">(Note 1)</a> | Base Insulation Layer                                                                                 |                                      | Top Insulation Layer                                                                                                                                                                                                                       |                                      | Roof Cover <a href="#">(Note 15)</a> |                                                                           | MDP <a href="#">(psf)*</a> |
|------------|-------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------------------------------------------|----------------------------|
|            |                               | Type                                                                                                  | Attach <a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                                                                       | Attach <a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                                                   |                            |
| C-325.     | Structural concrete           | Min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous)                                      | Hot asphalt                          | None                                                                                                                                                                                                                                       | N/A                                  | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -140.0                     |
| C-326.     | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                    | Hot asphalt                          | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation, EnergyGuard Perlite Recover Board, min. 0.75-inch EnergyGuard Perlite Roof Insulation, min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board         | Hot asphalt                          | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -150.0                     |
| C-327.     | Structural concrete           | Min. 0.5-inch EnergyGuard Perlite Recover Board or Structodek High Density Fiberboard Roof Insulation | Hot asphalt                          | None                                                                                                                                                                                                                                       | N/A                                  | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -165.0                     |
| C-328.     | Structural concrete           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                        | Hot asphalt                          | Min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous)                                                                                                                                                                           | Hot asphalt                          | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -172.5                     |
| C-329.     | Structural concrete           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                        | Hot asphalt                          | Min. 0.5-inch EnergyGuard Perlite Recover Board                                                                                                                                                                                            | Hot asphalt                          | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -187.5                     |
| C-330.     | Structural concrete           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation  | Hot asphalt                          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                            | Hot asphalt                          | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -225.0                     |
| C-331.     | Structural concrete           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                        | Hot asphalt                          | Min. 0.25-inch DensDeck or DensDeck Prime                                                                                                                                                                                                  | Hot asphalt                          | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -240.0                     |
| C-332.     | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN        | Hot asphalt                          | Min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous), min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or EnergyGuard Perlite Recover Board, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt                          | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -255.0                     |
| C-333.     | Structural concrete           | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                             | Hot asphalt                          | Min. 1.5-inch EnergyGuard Composite                                                                                                                                                                                                        | Hot asphalt                          | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -270.0                     |
| C-334.     | Structural concrete           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                        | Hot asphalt                          | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                                                                           | Hot asphalt                          | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -307.5                     |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY\***  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck <a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                |                                      | Top Insulation Layer                                                                                                                  |                                      | Roof Cover <a href="#">(Note 15)</a> |                                                                           | MDP <a href="#">(psf)*</a> |
|------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------------------------------------------|----------------------------|
|            |                               | Type                                                                                                                 | Attach <a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                  | Attach <a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                                                   |                            |
| C-335.     | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN | hot asphalt                          | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board                                                                     | hot asphalt                          | SBS-AA                               | PVCF-HA                                                                   | -495.0                     |
| C-336.     | Structural concrete           | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                     | LRF-M                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-M                                | SBS-AA                               | PVCF-LO (12-inch o.c.)                                                    | -60.0                      |
| C-337.     | Structural concrete           | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                     | LRF-M                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-M                                | SBS-AA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                     |
| C-338.     | Structural concrete           | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                       | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-M Canister                       | SBS-AA                               | PVCF-LO, 12-inch o.c.                                                     | -60.0                      |
| C-339.     | Structural concrete           | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                       | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-M Canister                       | SBS-AA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                     |
| C-340.     | Structural concrete           | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                        | LRF-XF                               | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board                                                                     | LRF-XF                               | SBS-AA                               | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                          | -60.0                      |
| C-341.     | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH                 | LRF-XF                               | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-XF                               | SBS-AA                               | PVCF-LO (12-inch o.c.)                                                    | -60.0                      |
| C-342.     | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                         | LRF-XF                               | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                     | LRF-XF                               | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -180.0                     |
| C-343.     | Structural concrete           | Min. 2.0-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard Ultra Polyiso Insulation                                 | LRF-XF                               | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-XF                               | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -225.0                     |
| C-344.     | Structural concrete           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                         | LRF-XF                               | Min. 0.25-inch DensDeck or DensDeck Prime                                                                                             | LRF-XF                               | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -240.0                     |
| C-345.     | Structural concrete           | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                        | OB500                                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation | OB500                                | SBS-AA                               | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                          | -60.0                      |



**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY\***  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                     | Deck <a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                                |                                      | Top Insulation Layer                                              |                                      | Roof Cover <a href="#">(Note 15)</a> |                                                                           | MDP <a href="#">(psf)*</a> |
|--------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------------------------------------------|----------------------------|
|                                |                               | Type                                                                                                                                 | Attach <a href="#">(Notes 6,7,8)</a> | Type                                                              | Attach <a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                                                   |                            |
| C-346.                         | Structural concrete           | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                                     | OB500                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                | SBS-AA                               | PVCF-LO (12-inch o.c.)                                                    | -60.0                      |
| C-347.                         | Structural concrete           | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                       | OB500                                | Min. 0.25-inch DensDeck or DensDeck Prime                         | OB500                                | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -150.0                     |
| C-348.                         | Structural concrete           | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                       | OB500                                | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation  | OB500                                | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -165.0                     |
| C-349.                         | Structural concrete           | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                     | OB500                                | None                                                              | N/A                                  | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -165.0                     |
| C-350.                         | Structural concrete           | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                                     | OB500                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                | SBS-AA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                     |
| C-351.                         | Structural concrete           | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation | OB500                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -187.5                     |
| C-352.                         | Structural concrete           | Min. 2.0-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation | OB500                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -225.0                     |
| <b>TORCH-APPLIED BASE PLY:</b> |                               |                                                                                                                                      |                                      |                                                                   |                                      |                                      |                                                                           |                            |
| C-353.                         | Structural concrete           | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | Hot asphalt                          | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Hot asphalt                          | SBS-TA                               | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                          | -60.0                      |
| C-354.                         | Structural concrete           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation                                 | Hot asphalt                          | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Hot asphalt                          | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -232.5                     |
| C-355.                         | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN                 | hot asphalt                          | Min. 0.25-inch DensDeck Prime                                     | hot asphalt                          | SBS-TA                               | PVCF-HA                                                                   | -232.5                     |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY\***  
 REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck <a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                |                                      | Top Insulation Layer                                              |                                      | Roof Cover <a href="#">(Note 15)</a> |                                                                           | MDP <a href="#">(psf)*</a> |
|------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------------------------------------------|----------------------------|
|            |                               | Type                                                                                                                 | Attach <a href="#">(Notes 6,7,8)</a> | Type                                                              | Attach <a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                                                   |                            |
| C-356.     | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN | hot asphalt                          | Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board                   | hot asphalt                          | SBS-TA                               | PVCF-HA                                                                   | -285.0                     |
| C-357.     | Structural concrete           | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                     | LRF-M                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M                                | SBS-TA                               | PVCF-LO (12-inch o.c.)                                                    | -60.0                      |
| C-358.     | Structural concrete           | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                     | LRF-M                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M                                | SBS-TA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                     |
| C-359.     | Structural concrete           | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                       | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M Canister                       | SBS-TA                               | PVCF-LO, 12-inch o.c.                                                     | -60.0                      |
| C-360.     | Structural concrete           | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                       | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M Canister                       | SBS-TA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                     |
| C-361.     | Structural concrete           | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                        | LRF-XF                               | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | LRF-XF                               | SBS-TA                               | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                          | -60.0                      |
| C-362.     | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH                 | LRF-XF                               | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                               | SBS-TA                               | PVCF-LO (12-inch o.c.)                                                    | -60.0                      |
| C-363.     | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH                 | LRF-XF                               | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                               | SBS-TA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                     |
| C-364.     | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | LRF-XF                               | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                               | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -180.0                     |
| C-365.     | Structural concrete           | Min. 2.0-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard Ultra Polyiso Insulation                                 | LRF-XF                               | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                               | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -232.5                     |
| C-366.     | Structural concrete           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                         | LRF-XF                               | Min. 0.25-inch DensDeck or DensDeck Prime                         | LRF-XF                               | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -240.0                     |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY\***  
 REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No.                     | Deck <a href="#">(Note 1)</a> | Base Insulation Layer                                                                                           |                                      | Top Insulation Layer                                                                            |                                      | Roof Cover <a href="#">(Note 15)</a> |                                                                           | MDP <a href="#">(psf)*</a> |
|--------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------------------------------------------|----------------------------|
|                                |                               | Type                                                                                                            | Attach <a href="#">(Notes 6,7,8)</a> | Type                                                                                            | Attach <a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                                                   |                            |
| C-367.                         | Structural concrete           | Min. 0.25-inch DensDeck Prime                                                                                   | LRF-XF                               | None                                                                                            | N/A                                  | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -245.0                     |
| C-368.                         | Structural concrete           | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                   | OB500                                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board                               | OB500                                | SBS-TA                               | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                          | -60.0                      |
| C-369.                         | Structural concrete           | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                | OB500                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | OB500                                | SBS-TA                               | PVCF-LO (12-inch o.c.)                                                    | -60.0                      |
| C-370.                         | Structural concrete           | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                  | OB500                                | Min. 0.25-inch DensDeck or DensDeck Prime                                                       | OB500                                | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -150.0                     |
| C-371.                         | Structural concrete           | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                | OB500                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | OB500                                | SBS-TA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                     |
| C-372.                         | Structural concrete           | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH              | OB500                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, primed with Matrix™ 307 Premium Asphalt Primer | OB500                                | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -210.0                     |
| C-373.                         | Structural concrete           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation            | OB500                                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                               | OB500                                | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -240.0                     |
| C-374.                         | Structural concrete           | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard Ultra Polyiso Insulation | OB500                                | Min. 0.25-inch DensDeck Prime                                                                   | OB500                                | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -300.0                     |
| <b>SELF-ADHERING BASE PLY:</b> |                               |                                                                                                                 |                                      |                                                                                                 |                                      |                                      |                                                                           |                            |
| C-375.                         | Structural concrete           | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                | LRF-M                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-M                                | SBS-SA                               | PVCF-LO (12-inch o.c.)                                                    | -60.0                      |
| C-376.                         | Structural concrete           | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                | LRF-M                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-M                                | SBS-SA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                     |
| C-377.                         | Structural concrete           | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM  | LRF-M Canister                       | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-M Canister                       | SBS-SA                               | PVCF-LO, 12-inch o.c.                                                     | -60.0                      |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY\***  
 REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck <a href="#">(Note 1)</a> | Base Insulation Layer                                                                                          |                                      | Top Insulation Layer                            |                                      | Roof Cover <a href="#">(Note 15)</a> |                                                    | MDP <a href="#">(psf)</a> * |
|------------|-------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------|--------------------------------------|--------------------------------------|----------------------------------------------------|-----------------------------|
|            |                               | Type                                                                                                           | Attach <a href="#">(Notes 6,7,8)</a> | Type                                            | Attach <a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                            |                             |
| C-378.     | Structural concrete           | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                       | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                       | SBS-SA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -180.0                      |
| C-379.     | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH           | LRF-XF                               | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-XF                               | SBS-SA                               | PVCF-LO (12-inch o.c.)                             | -60.0                       |
| C-380.     | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH           | LRF-XF                               | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-XF                               | SBS-SA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -180.0                      |
| C-381.     | Structural concrete           | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                               | OB500                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | OB500                                | SBS-SA                               | PVCF-LO (12-inch o.c.)                             | -60.0                       |
| C-382.     | Structural concrete           | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                               | OB500                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | OB500                                | SBS-SA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -180.0                      |

**TABLE 3C: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER\***

| System No. | Roof Deck <a href="#">(Note 1)</a> | Primer                             | Roof Cover <a href="#">(Note 15)</a> |                                                                           | MDP <a href="#">(psf)</a> * |
|------------|------------------------------------|------------------------------------|--------------------------------------|---------------------------------------------------------------------------|-----------------------------|
|            |                                    |                                    | Base Ply                             | Cap Ply                                                                   |                             |
| C-383.     | Min. 2,500 psi structural concrete | None                               | None                                 | PVCX-LM (6-inch o.c.) or PVCX-LO (6-inch o.c.)                            | -45.0                       |
| C-384.     | Min. 2,500 psi structural concrete | None                               | None                                 | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                          | -60.0                       |
| C-385.     | Min. 2,500 psi structural concrete | Matrix™ 307 Premium Asphalt Primer | SBS-AA or SBS-TA                     | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                          | -60.0                       |
| C-386.     | Min. 2,500 psi structural concrete | Matrix™ 307 Premium Asphalt Primer | SBS-AA or SBS-TA                     | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -330.0                      |
| C-387.     | Min. 2,500 psi structural concrete | None                               | None                                 | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)                            | -337.5                      |
| C-388.     | Min. 2,500 psi structural concrete | Matrix™ 307 Premium Asphalt Primer | None                                 | PVCF-HA                                                                   | -390.0                      |
| C-389.     | Min. 2,500 psi structural concrete | Matrix™ 307 Premium Asphalt Primer | None                                 | PVCX-HA                                                                   | -502.5                      |

**TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE E-2: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

| System No.                                                                 | Deck <a href="#">(Note 1)</a>                                                                                                 | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                        | Base Sheet                                                                                                                                        |                                                                                                                                                 |                                                                                                                                                                                          | Roof Cover <a href="#">(Note 15)</a> |           | <a href="#">MDP</a><br><a href="#">(psf)</a> |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------|----------------------------------------------|
|                                                                            |                                                                                                                               |                                                                                                                                                                                       | Type                                                                                                                                              | Fastener <a href="#">(Note 11)</a>                                                                                                              | Attach                                                                                                                                                                                   | Base                                 | Cap       |                                              |
| HYBRID SYSTEMS / EVERGUARD PVC XK FLEECEBACK:                              |                                                                                                                               |                                                                                                                                                                                       |                                                                                                                                                   |                                                                                                                                                 |                                                                                                                                                                                          |                                      |           |                                              |
| LWC-1.                                                                     | Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete | Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete. <b>Note:</b> <i>Fastener withdrawal; min. 60 lbf per <a href="#">Note 11</a>.</i>              | GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail                             | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                            | (Optional) SBS-AA or SBS-TA          | SBS-FB1-A | -52.5                                        |
| LWC-2.                                                                     | Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete | Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete. <b>Note:</b> <i>Fastener withdrawal; min. 60 lbf per <a href="#">Note 11</a>.</i>              | GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail                             | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                            | SBS-AA or SBS-TA                     | PVCX-OB   | -52.5                                        |
| LWC-3.                                                                     | Min. 22 ga., type B, Grade 50 steel at max. 6 ft spans; 5/8" puddle welds, 6" o.c. or min. 2,500 psi structural concrete      | Min. 180 psi, min. 3-inch thick pre-existent cellular lightweight concrete.                                                                                                           | Ruberoid Mop Smooth 1.5 or Ruberoid Mop Smooth                                                                                                    | Drill-Tec XHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate, fastened through LWC to engage steel deck | Fasteners located 3.75-inch from edge of sheet, and spaced 12-inch o.c. within the min. 6.25-inch wide laps. Laps sealed with min. 4-inch wide heat-weld, encapsulating the fastener row | (Optional) SBS-TA                    | PVCX-OB   | -60.0                                        |
| LWC-4.                                                                     | Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete | Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> <i>Fastener withdrawal; min. 95 lbf per <a href="#">Note 11</a></i> | Ruberoid 20 Smooth                                                                                                                                | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.), Drill-Tec Locking Impact Nail                             | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                            | SBS-TA                               | PVCX-HA   | -82.5                                        |
| LWC-5.                                                                     | Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete | Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> <i>Fastener withdrawal; min. 95 lbf per <a href="#">Note 11</a></i> | GAFGLAS #80 Ultima Base Sheet or GAFGLAS Stratavent Nailable Venting Base Sheet                                                                   | Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Locking Impact Nail                                                                          | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                            | SBS-TA                               | PVCX-HA   | -82.5                                        |
| HYBRID SYSTEMS / EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK: |                                                                                                                               |                                                                                                                                                                                       |                                                                                                                                                   |                                                                                                                                                 |                                                                                                                                                                                          |                                      |           |                                              |
| LWC-6.                                                                     | Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete | Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight concrete. <b>Note:</b> <i>Fastener withdrawal; min. 60 lbf per <a href="#">Note 11</a>.</i>                         | GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail                           | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                            | (Optional) SBS-AA or SBS-TA          | PVCF-HA   | -52.5                                        |

**TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE E-2: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                                                                                 | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                        | Base Sheet                                                                                                                                     |                                                                                                                                                 |                                                                                                                                                                                          | Roof Cover <a href="#">(Note 15)</a> |                    | MDP <a href="#">(psf)</a> |
|------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------|---------------------------|
|            |                                                                                                                               |                                                                                                                                                                                       | Type                                                                                                                                           | Fastener <a href="#">(Note 11)</a>                                                                                                              | Attach                                                                                                                                                                                   | Base                                 | Cap                |                           |
| LWC-7.     | Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete | Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight concrete. <b>Note:</b> Fastener withdrawal; <b>min. 60 lbf per <a href="#">Note 11</a></b> .                        | GAFLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFLAS #80 Ultima Base Sheet, GAFLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail                           | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                            | SBS-AA or SBS-TA                     | PVCF-XF or PVCF-OB | -52.5                     |
| LWC-8.     | Min. 22 ga., type B, Grade 50 steel at max. 6 ft spans; 5/8" puddle welds, 6" o.c. or min. 2,500 psi structural concrete      | Min. 180 psi, min. 3-inch thick pre-existent cellular lightweight concrete.                                                                                                           | Ruberoid Mop Smooth 1.5 or Ruberoid Mop Smooth                                                                                                 | Drill-Tec XHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate, fastened through LWC to engage steel deck | Fasteners located 3.75-inch from edge of sheet, and spaced 12-inch o.c. within the min. 6.25-inch wide laps. Laps sealed with min. 4-inch wide heat-weld, encapsulating the fastener row | (Optional) SBS-TA                    | PVCF-XF or PVCF-OB | -60.0                     |
| LWC-9.     | Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete | Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; <b>min. 95 lbf per <a href="#">Note 11</a></b> | Ruberoid 20 Smooth                                                                                                                             | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.), Drill-Tec Locking Impact Nail                             | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                            | SBS-TA                               | PVCF-HA or PVCF-XF | -82.5                     |
| LWC-10.    | Min. 22 ga., type BV, Grade 40; 6 ft spans; 5/8" puddle welds or #12 HWH Tek 5, 6" o.c. or min. 2,500 psi structural concrete | Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; <b>min. 95 lbf per <a href="#">Note 11</a></b> | GAFLAS #80 Ultima Base Sheet or GAFLAS Stratavent Nailable Venting Base Sheet                                                                  | Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Locking Impact Nail                                                                          | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                            | SBS-TA                               | PVCF-HA or PVCF-XF | -82.5                     |

**TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER\***

| System No.                                                             | Deck <a href="#">(Note 1)</a>                                             | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                          |                                 |                 | Roof Cover <a href="#">(Note 15)</a>           | MDP <a href="#">(psf)</a> * |
|------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|------------------------------------------------|-----------------------------|
|                                                                        |                                                                           | Type                                                                                                                                                                                    | Min. Compressive Strength (psi) | Min. Thick (in) |                                                |                             |
| CELCORE (NOA 18-0717.05):                                              |                                                                           |                                                                                                                                                                                         |                                 |                 |                                                |                             |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                                           |                                                                                                                                                                                         |                                 |                 |                                                |                             |
| LWC-11.                                                                | Min. 22 ga., Type BV, Grade 40 steel; 6' spans, 5/8" puddle welds 6" o.c. | Deck treatment: Celcore S-1 Deck Preparation Slurry<br>LWC: Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture<br>Surface treatment: Celcore PVA Curing Compound | 310                             | 2               | PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.) | -82.5                       |
| LWC-12.                                                                | Min. 22 ga., Type BV, Grade 40 steel; 6' spans, 5/8" puddle welds 6" o.c. | Deck treatment: Celcore S-1 Deck Preparation Slurry<br>LWC: Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture<br>Surface treatment: Celcore PVA Curing Compound | 310                             | 2               | PVCF-OB                                        | -82.5                       |



**TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER\***

| System No.                                                             | Deck <a href="#">(Note 1)</a>                                                  | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                    |                                 |                 | Roof Cover <a href="#">(Note 15)</a>           | <a href="#">MDP (psf)*</a> |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|------------------------------------------------|----------------------------|
|                                                                        |                                                                                | Type                                                                                                                                                                              | Min. Compressive Strength (psi) | Min. Thick (in) |                                                |                            |
| ELASTIZELL (NOA 18-0208.03):                                           |                                                                                |                                                                                                                                                                                   |                                 |                 |                                                |                            |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                                                                                |                                                                                                                                                                                   |                                 |                 |                                                |                            |
| LWC-13.                                                                | Min. 22 ga., 33 ksi, type BV (0.5%) steel; 6' spans, 5/8" puddle welds 6" o.c. | Elastizell                                                                                                                                                                        | 160                             | 3               | PVCX-OB                                        | -60.0                      |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                                                |                                                                                                                                                                                   |                                 |                 |                                                |                            |
| LWC-14.                                                                | Min. 22 ga., 33 ksi, type BV (0.5%) steel; 6' spans, 5/8" puddle welds 6" o.c. | Elastizell                                                                                                                                                                        | 160                             | 3               | PVCF-OB                                        | -60.0                      |
| MEARLCRETE (NOA 19-0729.03):                                           |                                                                                |                                                                                                                                                                                   |                                 |                 |                                                |                            |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                                                                                |                                                                                                                                                                                   |                                 |                 |                                                |                            |
| LWC-15.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c.      | Mearlcrete                                                                                                                                                                        | 290                             | 2               | PVCX-WB                                        | -52.5                      |
| LWC-16.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c.      | Mearlcrete                                                                                                                                                                        | 290                             | 2               | PVCX-OB                                        | -52.5                      |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                                                |                                                                                                                                                                                   |                                 |                 |                                                |                            |
| LWC-17.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c.      | Mearlcrete                                                                                                                                                                        | 300                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -52.5                      |
| LWC-18.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c.      | Mearlcrete                                                                                                                                                                        | 300                             | 2               | PVCF-OB                                        | -52.5                      |
| LWC-19.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8" puddle welds 6" o.c.      | Mearlcrete                                                                                                                                                                        | 290                             | 2               | PVCF-OB                                        | -52.5                      |
| SIPLAST INSULCEL-PB (NOA 21-1020.03):                                  |                                                                                |                                                                                                                                                                                   |                                 |                 |                                                |                            |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                                                |                                                                                                                                                                                   |                                 |                 |                                                |                            |
| LWC-20.                                                                | Min. 22 ga., type B, Grade 80 steel; 6' spans, 5/8" puddle welds 6" o.c.       | Inculcel-PB Cellular Lightweight Insulating Concrete                                                                                                                              | 330                             | 2               | PVCF-OB                                        | -67.5                      |
| PRE-EXISTENT CELLULAR LWC:                                             |                                                                                |                                                                                                                                                                                   |                                 |                 |                                                |                            |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                                                                                |                                                                                                                                                                                   |                                 |                 |                                                |                            |
| LWC-21.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8-inch puddle welds, 6" o.c. | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> | 180                             | 2               | PVCX-WB                                        | -52.5                      |
| LWC-22.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8-inch puddle welds, 6" o.c. | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> | 180                             | 2               | PVCX-OB                                        | -52.5                      |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                                                |                                                                                                                                                                                   |                                 |                 |                                                |                            |

**TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER\***

| System No. | Deck <a href="#">(Note 1)</a>                                                  | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                    |                                 |                 | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)*</a> |
|------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|--------------------------------------|----------------------------|
|            |                                                                                | Type                                                                                                                                                                              | Min. Compressive Strength (psi) | Min. Thick (in) |                                      |                            |
| LWC-23.    | Min. 22 ga., type BV, Grade 33 steel; 6' spans, 5/8-inch puddle welds, 6" o.c. | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> <i>Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); min. 97 lbf per <a href="#">Note 11</a></i> | 180                             | 2               | PVCF-OB                              | -52.5                      |

**TABLE 4c: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER\***

| System No.                                                             | Deck <a href="#">(Note 1)</a> | Lightweight Concrete <a href="#">(Note 14)</a> |                                 |                 | Roof Cover <a href="#">(Note 15)</a>           | <a href="#">MDP (psf)*</a> |
|------------------------------------------------------------------------|-------------------------------|------------------------------------------------|---------------------------------|-----------------|------------------------------------------------|----------------------------|
|                                                                        |                               | Type                                           | Min. Compressive Strength (psi) | Min. Thick (in) |                                                |                            |
| CELCORE (NOA 18-0717.05):                                              |                               |                                                |                                 |                 |                                                |                            |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                |                                 |                 |                                                |                            |
| LWC-24.                                                                | Structural concrete           | Celcore Cellular Concrete                      | 200                             | 2               | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.) | -300.0                     |
| LWC-25.                                                                | Structural concrete           | Celcore Cellular Concrete                      | 200                             | 2               | PVCX-OB                                        | -300.0                     |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                |                                 |                 |                                                |                            |
| LWC-26.                                                                | Structural concrete           | Celcore Cellular Concrete                      | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -300.0                     |
| LWC-27.                                                                | Structural concrete           | Celcore Cellular Concrete                      | 200                             | 2               | PVCF-OB                                        | -300.0                     |
| CONCRECEL (NOA 21-1229.06):                                            |                               |                                                |                                 |                 |                                                |                            |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                |                                 |                 |                                                |                            |
| LWC-28.                                                                | Structural concrete           | Concrecel                                      | 200                             | 2               | PVCX-WB                                        | -225.0                     |
| LWC-29.                                                                | Structural concrete           | Concrecel                                      | 200                             | 2               | PVCX-LM (4-inch o.c.)                          | -225.0                     |
| LWC-30.                                                                | Structural concrete           | Concrecel                                      | 200                             | 2               | PVCX-OB                                        | -225.0                     |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                |                                 |                 |                                                |                            |
| LWC-31.                                                                | Structural concrete           | Concrecel                                      | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -225.0                     |
| LWC-32.                                                                | Structural concrete           | Concrecel                                      | 200                             | 2               | PVCF-OB                                        | -225.0                     |
| ELASTIZELL (NOA 18-0208.03):                                           |                               |                                                |                                 |                 |                                                |                            |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                |                                 |                 |                                                |                            |
| LWC-33.                                                                | Structural concrete           | Elastizell                                     | 300                             | 2               | PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.) | -45.0                      |
| LWC-34.                                                                | Structural concrete           | Elastizell                                     | 220                             | 2               | PVCX-WB                                        | -200.0                     |
| LWC-35.                                                                | Structural concrete           | Elastizell                                     | 220                             | 2               | PVCX-OB                                        | -200.0                     |
| LWC-36.                                                                | Structural concrete           | Elastizell                                     | 200                             | 2               | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.) | -210.0                     |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                |                                 |                 |                                                |                            |
| LWC-37.                                                                | Structural concrete           | Elastizell                                     | 220                             | 2               | PVCF-OB                                        | -200.0                     |
| LWC-38.                                                                | Structural concrete           | Elastizell                                     | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -210.0                     |

**TABLE 4c: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER\***

| System No.                                                             | Deck <a href="#">(Note 1)</a> | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                                                                                                                                                                                                                              |                                 |                 | Roof Cover <a href="#">(Note 15)</a>                                                                     | MDP <a href="#">(psf)</a> * |
|------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|----------------------------------------------------------------------------------------------------------|-----------------------------|
|                                                                        |                               | Type                                                                                                                                                                                                                                                                                                                                                                                        | Min. Compressive Strength (psi) | Min. Thick (in) |                                                                                                          |                             |
| SIPLAST INSULCEL (NOA 21-1020.03):                                     |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                             |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                             |
| LWC-39.                                                                | Structural concrete           | Insulcel                                                                                                                                                                                                                                                                                                                                                                                    | 200                             | 2               | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)                                                           | -270.0                      |
| LWC-40.                                                                | Structural concrete           | Insulcel                                                                                                                                                                                                                                                                                                                                                                                    | 200                             | 2               | PVCX-OB                                                                                                  | -270.0                      |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                             |
| LWC-41.                                                                | Structural concrete           | Insulcel                                                                                                                                                                                                                                                                                                                                                                                    | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)                                                           | -270.0                      |
| LWC-42.                                                                | Structural concrete           | Insulcel                                                                                                                                                                                                                                                                                                                                                                                    | 200                             | 2               | PVCF-OB                                                                                                  | -270.0                      |
| LWC-43.                                                                | Structural concrete           | Inculcel-PB Cellular Lightweight Insulating Concrete                                                                                                                                                                                                                                                                                                                                        | 330                             | 2               | PVCF-OB                                                                                                  | -302.5                      |
| MEARLCRETE (NOA 19-0729.03):                                           |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                             |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                             |
| LWC-44.                                                                | Structural concrete           | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 730                             | 2               | PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.)                                                           | -45.0                       |
| LWC-45.                                                                | Structural concrete           | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 290                             | 2               | PVCX-WB                                                                                                  | -205.0                      |
| LWC-46.                                                                | Structural concrete           | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 290                             | 2               | PVCX-OB                                                                                                  | -205.0                      |
| LWC-47.                                                                | Structural concrete           | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 200                             | 2               | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)                                                           | -270.0                      |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                             |
| LWC-48.                                                                | Structural concrete           | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 290                             | 2               | PVCF-OB                                                                                                  | -205.0                      |
| LWC-49.                                                                | Structural concrete           | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)                                                           | -270.0                      |
| PRE-EXISTENT CELLULAR LWC:                                             |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                             |
| EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:                 |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                             |
| LWC-50.                                                                | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> MCRF, Drill-Tec™ Base Sheet Fastener (1.7 in.), <b>min. 85 lbf per <a href="#">Note 11</a></b> .                                                                                                                                                                                                                        | 230                             | 2               | PVC2-QS; total wet rate 4 lbs/square; contact application with ½ to substrate and ½ to membrane backside | -112.5                      |
|                                                                        | Note:                         | The reported MDP is the allowable maximum design pressure of the new roof cover adhered to the pre-existent LWC, and is irrespective of the performance of the pre-existent LWC (See Note 12). The deck and pre-existent LWC shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction. |                                 |                 |                                                                                                          |                             |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                             |
| LWC-51.                                                                | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b>                                                                                                                                                                                                           | 180                             | 2               | PVCX-LM (4-inch o.c.)                                                                                    | -92.5                       |
| LWC-52.                                                                | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b>                                                                                                                                                                                                           | 180                             | 2               | PVCX-WB                                                                                                  | -102.5                      |
| LWC-53.                                                                | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b>                                                                                                                                                                                                           | 180                             | 2               | PVCX-OB                                                                                                  | -102.5                      |

**TABLE 4c: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER\***

| System No.                                                                    | Deck <a href="#">(Note 1)</a> | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                    |                                 |                 | Roof Cover <a href="#">(Note 15)</a> | <a href="#">MDP (psf)*</a> |
|-------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|--------------------------------------|----------------------------|
|                                                                               |                               | Type                                                                                                                                                                              | Min. Compressive Strength (psi) | Min. Thick (in) |                                      |                            |
| LWC-54.                                                                       | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> | 180                             | 2               | PVCX-LO (4-inch o.c.)                | -112.5                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                               |                                                                                                                                                                                   |                                 |                 |                                      |                            |
| LWC-55.                                                                       | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> | 180                             | 2               | PVCF-LM (4-inch o.c.)                | -92.5                      |
| LWC-56.                                                                       | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> | 180                             | 2               | PVCF-OB                              | -102.5                     |
| LWC-57.                                                                       | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> | 180                             | 2               | PVCF-LO (4-inch o.c.)                | -112.5                     |

**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

| System No.                                                                          | Deck<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> ) | Base Insulation Layer                                                                                                                                                               |                                           | Top Insulation Layer                                                                                                                                                                                                                                                                                                                                           |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf)* |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------|
|                                                                                     |                                                                | Type                                                                                                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                                                                                                                                                           | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |               |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:                              |                                                                |                                                                                                                                                                                     |                                           |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                        |               |
| CWF-1.                                                                              | Existing min. 2-inch Tectum Plank or Tectum LS Plank           | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RN, EnergyGuard Ultra Polyiso Insulation, ACFoam III                                                      | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                                                                                                                                                | OB500                                     | PVC1-BA                                | -45.0         |
| CWF-2.                                                                              | Existing min. 2-inch Tectum Plank or Tectum LS Plank           | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RN, EnergyGuard Ultra Polyiso Insulation, ACFoam III, Min. 2-inch Styrofoam Brand Roofmate or Highload 60 | OB500                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                             | OB500                                     | PVC1-BA                                | -45.0         |
| EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS: |                                                                |                                                                                                                                                                                     |                                           |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                        |               |
| CWF-3.                                                                              | Existing min. 2-inch Tectum Plank or Tectum LS Plank           | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                        | OB500                                     | (Optional) Additional layers base insulation, flat or tapered, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA                                | -45.0         |
| EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:                      |                                                                |                                                                                                                                                                                     |                                           |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                        |               |
| CWF-4.                                                                              | Existing min. 2-inch Tectum Plank or Tectum LS Plank           | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                                                                                                        | OB500                                     | (Optional) Additional layers base insulation, flat or tapered, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                  | OB500                                     | PVC2-QL                                | -45.0         |
| EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:          |                                                                |                                                                                                                                                                                     |                                           |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                        |               |
| CWF-5.                                                                              | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                                                                                                        | OB500                                     | (Optional) Additional layers base insulation, flat or tapered, min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                      | OB500                                     | PVC1-QS or PVC2-QS                     | -45.0         |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                                           |                                                                |                                                                                                                                                                                     |                                           |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                        |               |
| CWF-6.                                                                              | Existing min. 2-inch Tectum Plank or Tectum LS Plank           | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH                                                                                  | LRF-M                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                                                                                                                                                | LRF-M                                     | PVCX-LM (12-inch o.c.)                 | -45.0         |

**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

| System No.                                                                    | Deck<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> ) | Base Insulation Layer                                                                                   |                                           | Top Insulation Layer                                                               |                                           | Roof Cover ( <a href="#">Note 15</a> )           | MDP ( <a href="#">psf</a> )* |
|-------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|------------------------------|
|                                                                               |                                                                | Type                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |                              |
| CWF-7.                                                                        | Existing min. 2-inch Tectum Plank or Tectum LS Plank           | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN            | OB500                                     | (Optional) Additional layers of base insulation                                    | OB500                                     | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0                        |
| CWF-8.                                                                        | Existing min. 2-inch Tectum Plank or Tectum LS Plank           | (Optional) Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                    | OB500                                     | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0                        |
| CWF-9.                                                                        | Existing min. 2-inch Tectum Plank or Tectum LS Plank           | (Optional) Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                     | OB500                                     | PVCX-LM (12-inch o.c.)                           | -45.0                        |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                                                                |                                                                                                         |                                           |                                                                                    |                                           |                                                  |                              |
| CWF-10.                                                                       | Existing min. 2-inch Tectum Plank or Tectum LS Plank           | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                      | LRF-M                                     | (Optional) Additional layers base insulation                                       | LRF-M                                     | PVCF-LM (12-inch o.c.)                           | -45.0                        |
| CWF-11.                                                                       | Existing min. 2-inch Tectum Plank or Tectum LS Plank           | (Optional) Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation           | LRF-M                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-LM (12-inch o.c.)                           | -45.0                        |
| CWF-12.                                                                       | Existing min. 2-inch Tectum Plank or Tectum LS Plank           | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RN                            | OB500                                     | (Optional) Additional layers base insulation                                       | OB500                                     | PVCF-LO (12-inch o.c.)                           | -45.0                        |
| CWF-13.                                                                       | Existing min. 2-inch Tectum Plank or Tectum LS Plank           | (Optional) Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                    | OB500                                     | PVCF-LO (12-inch o.c.)                           | -45.0                        |

**TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No. | Deck ( <a href="#">Note 1</a> ) | Primer | Roof Cover ( <a href="#">Note 15</a> ) | MDP ( <a href="#">psf</a> ) |
|------------|---------------------------------|--------|----------------------------------------|-----------------------------|
| CWF-14.    | Min. 2-inch Tectum Plank        | None   | PVCF-XF                                | -502.5                      |
| CWF-15.    | Min. 2-inch Tectum Plank        | None   | PVCF-OB                                | -502.5                      |



**TABLE 6A: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

| System No.                                                                          | Deck<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> ) | Base Insulation Layer                                                                              |                                           | Top Insulation Layer                                                               |                                           | Roof Cover ( <a href="#">Note 15</a> ) | <a href="#">MDP (psf)*</a> |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|----------------------------|
|                                                                                     |                                                                | Type                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                            |
| EVERGUARD PVC SMOOTH APPLICATIONS:                                                  |                                                                |                                                                                                    |                                           |                                                                                    |                                           |                                        |                            |
| G-1.                                                                                | Existing gypsum deck                                           | Min. 1-inch EnergyGuard RH                                                                         | LRF-M                                     | None                                                                               | N/A                                       | EverGuard PVC Smooth / #2331           | -210.0                     |
| EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS: |                                                                |                                                                                                    |                                           |                                                                                    |                                           |                                        |                            |
| G-2.                                                                                | Existing gypsum deck                                           | Min. 2-inch, min. 2.0 pcf, Insulfoam Roofing EPS                                                   | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or DensDeck Prime                   | OB500                                     | PVC2-BA                                | -120.0                     |
| G-3.                                                                                | Existing gypsum deck                                           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                     | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or DensDeck Prime                   | OB500                                     | PVC2-BA                                | -130.0                     |
| G-4.                                                                                | Existing gypsum deck                                           | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                          | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVC2-BA                                | -135.0                     |
| G-5.                                                                                | Existing gypsum deck                                           | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                          | OB500                                     | PVC2-BA                                | -165.0                     |
| G-6.                                                                                | Existing gypsum deck                                           | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                      | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                        | OB500                                     | PVC2-BA                                | -187.5                     |
| G-7.                                                                                | Existing gypsum deck                                           | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA | OB500                                     | (Optional) Additional layer of base insulation                                     | OB500                                     | PVC2-BA                                | -210.0                     |
| EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:                      |                                                                |                                                                                                    |                                           |                                                                                    |                                           |                                        |                            |
| G-8.                                                                                | Existing gypsum deck                                           | Min. 2-inch, min. 2.0 pcf, Insulfoam Roofing EPS                                                   | OB500                                     | Min. 0.25-inch DensDeck Prime                                                      | OB500                                     | PVC2-QL                                | -120.0                     |
| G-9.                                                                                | Existing gypsum deck                                           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                     | OB500                                     | Min. 0.25-inch DensDeck Prime                                                      | OB500                                     | PVC2-QL                                | -130.0                     |
| G-10.                                                                               | Existing gypsum deck                                           | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                          | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                    | OB500                                     | PVC2-QL                                | -135.0                     |
| G-11.                                                                               | Existing gypsum deck                                           | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                          | OB500                                     | PVC2-QL                                | -165.0                     |
| G-12.                                                                               | Existing gypsum deck                                           | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                      | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                        | OB500                                     | PVC2-QL                                | -187.5                     |
| G-13.                                                                               | Existing gypsum deck                                           | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                       | OB500                                     | (Optional) Additional layer of base insulation                                     | OB500                                     | PVC2-QL                                | -210.0                     |
| EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:          |                                                                |                                                                                                    |                                           |                                                                                    |                                           |                                        |                            |
| G-14.                                                                               | Existing gypsum deck                                           | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                   | OB500                                     | Min. 0.25-inch DensDeck Prime                                                      | OB500                                     | PVC1-QS or PVC2-QS                     | -120.0                     |

**TABLE 6A: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

| System No.                                       | Deck<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> ) | Base Insulation Layer                                          |                                           | Top Insulation Layer                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf)* |
|--------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------|
|                                                  |                                                                | Type                                                           | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |               |
| G-15.                                            | Existing gypsum deck                                           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch DensDeck Prime                             | OB500                                     | PVC1-QS or PVC2-QS                     | -130.0        |
| G-16.                                            | Existing gypsum deck                                           | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation        | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | OB500                                     | PVC1-QS or PVC2-QS                     | -165.0        |
| G-17.                                            | Existing gypsum deck                                           | (Optional) Min. 0.5-inch EnergyGuard Ultra                     | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation               | OB500                                     | PVC1-QS or PVC2-QS                     | -187.5        |
| G-18.                                            | Existing gypsum deck                                           | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA   | OB500                                     | (Optional) Additional layer of base insulation            | OB500                                     | PVC1-QS or PVC2-QS                     | -210.0        |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b> |                                                                |                                                                |                                           |                                                           |                                           |                                        |               |
| G-19.                                            | Existing gypsum deck                                           | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN   | OB500                                     | (Optional) Additional layers of base insulation           | OB500                                     | PVCX-LM (6-inch o.c.)                  | -45.0         |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                   | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                              |                                                                                 |               | Top Insulation Layer                                                                                                                                                                                       |                                         | Roof Cover<br><a href="#">(Note 15)</a> | <a href="#">MDP (psf)*</a> |
|----------------------------------------------|----------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|----------------------------|
|                                              |                                  | Type                                                                               | Fasten <a href="#">(Note 11)</a>                                                | Attach        | Type                                                                                                                                                                                                       | Attach<br><a href="#">(Notes 6,7,8)</a> |                                         |                            |
| EVERGUARD PVC SMOOTH OR PVC XK APPLICATIONS: |                                  |                                                                                    |                                                                                 |               |                                                                                                                                                                                                            |                                         |                                         |                            |
| G-20.                                        | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                                                         | LRF-M                                   | PVC1-BA                                 | -45.0*                     |
| G-21.                                        | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                                                         | LRF-M                                   | PVC1-BA                                 | -45.0*                     |
| G-22.                                        | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                   | PVC1-BA                                 | -45.0*                     |
| G-23.                                        | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                   | PVC1-BA                                 | -45.0*                     |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                 | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                |                                                                                 |                           | Top Insulation Layer                                                                                                                                                                                                                       |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf)* |
|--------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------|
|                                                                                            |                                    | Type                                                                                                 | Fasten ( <a href="#">Note 11</a> )                                              | Attach                    | Type                                                                                                                                                                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |               |
| G-24.                                                                                      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | LRF-M                                     | PVC1-BA                                   | -45.0*        |
| G-25.                                                                                      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                     | PVC1-BA                                   | -45.0*        |
| G-26.                                                                                      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                     | PVC1-BA                                   | -45.0*        |
| G-27.                                                                                      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVC1-BA                                   | -45.0*        |
| G-28.                                                                                      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVC1-BA                                   | -45.0*        |
| G-29.                                                                                      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | OB500                                     | PVC1-BA                                   | -45.0*        |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:</b> |                                    |                                                                                                      |                                                                                 |                           |                                                                                                                                                                                                                                            |                                           |                                           |               |
| G-30.                                                                                      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                                                                                         | LRF-M                                     | PVC2-BA                                   | -45.0*        |
| G-31.                                                                                      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                                                                                         | LRF-M                                     | PVC2-BA                                   | -45.0*        |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                |                                                                                 |                           | Top Insulation Layer                                                                                                                                                                                                                       |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf)* |
|------------|------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------|
|            |                                    | Type                                                                                                 | Fasten ( <a href="#">Note 11</a> )                                              | Attach                    | Type                                                                                                                                                                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |               |
| G-32.      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                 | LRF-M                                     | PVC2-BA                                   | -45.0*        |
| G-33.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                 | LRF-M                                     | PVC2-BA                                   | -45.0*        |
| G-34.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | LRF-M                                     | PVC2-BA                                   | -45.0*        |
| G-35.      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                     | PVC2-BA                                   | -45.0*        |
| G-36.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                     | PVC2-BA                                   | -45.0*        |
| G-37.      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVC2-BA                                   | -45.0*        |
| G-38.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVC2-BA                                   | -45.0*        |
| G-39.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | OB500                                     | PVC2-BA                                   | -45.0*        |

**EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:**

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                |                                                                                 |                           | Top Insulation Layer                                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf)* |
|------------|------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------|
|            |                                    | Type                                                                                                 | Fasten ( <a href="#">Note 11</a> )                                              | Attach                    | Type                                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |               |
| G-40.      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                              | LRF-M                                     | PVC2-QL                                   | -45.0*        |
| G-41.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                              | LRF-M                                     | PVC2-QL                                   | -45.0*        |
| G-42.      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                 | LRF-M                                     | PVC2-QL                                   | -45.0*        |
| G-43.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                 | LRF-M                                     | PVC2-QL                                   | -45.0*        |
| G-44.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | LRF-M                                     | PVC2-QL                                   | -45.0*        |
| G-45.      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                              | OB500                                     | PVC2-QL                                   | -45.0*        |
| G-46.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                              | OB500                                     | PVC2-QL                                   | -45.0*        |
| G-47.      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVC2-QL                                   | -45.0*        |
| G-48.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVC2-QL                                   | -45.0*        |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                        | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                |                                                                                 |               | Top Insulation Layer                                                                                                                                                  |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf)* |
|-----------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------|
|                                                                                   |                                    | Type                                                                                                 | Fasten ( <a href="#">Note 11</a> )                                              | Attach        | Type                                                                                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |               |
| G-49.                                                                             | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                     | OB500                                     | PVC2-QL                                   | -45.0*        |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                    |                                                                                                      |                                                                                 |               |                                                                                                                                                                       |                                           |                                           |               |
| G-50.                                                                             | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                          | LRF-M                                     | PVC1-QS or PVC2-QS                        | -45.0*        |
| G-51.                                                                             | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                          | LRF-M                                     | PVC1-QS or PVC2-QS                        | -45.0*        |
| G-52.                                                                             | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime                                                    | LRF-M                                     | PVC1-QS or PVC2-QS                        | -45.0*        |
| G-53.                                                                             | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime                                                    | LRF-M                                     | PVC1-QS or PVC2-QS                        | -45.0*        |
| G-54.                                                                             | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime                                                                                                                                         | LRF-M                                     | PVC1-QS or PVC2-QS                        | -45.0*        |
| G-55.                                                                             | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                          | OB500                                     | PVC1-QS or PVC2-QS                        | -45.0*        |
| G-56.                                                                             | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                          | OB500                                     | PVC1-QS or PVC2-QS                        | -45.0*        |
| G-57.                                                                             | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime | OB500                                     | PVC1-QS or PVC2-QS                        | -45.0*        |
| G-58.                                                                             | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime | OB500                                     | PVC1-QS or PVC2-QS                        | -45.0*        |



**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                       | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                              |                                                                                 |                           | Top Insulation Layer                                                                                                                                                      |                                         | Roof Cover<br><a href="#">(Note 15)</a>                   | <a href="#">MDP (psf)*</a> |
|--------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|----------------------------|
|                                                  |                                  | Type                                                                               | Fasten <a href="#">(Note 11)</a>                                                | Attach                    | Type                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                                           |                            |
| G-59.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime                                                                                                                                             | OB500                                   | PVC1-QS or PVC2-QS                                        | -45.0*                     |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b> |                                  |                                                                                    |                                                                                 |                           |                                                                                                                                                                           |                                         |                                                           |                            |
| G-60.                                            | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                        | LRF-M                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                     |
| G-61.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                        | LRF-M                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                     |
| G-62.                                            | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                     |
| G-63.                                            | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                   | PVCX-LM (12-inch o.c.)                                    | -45.0*                     |
| G-64.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                     |
| G-65.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                   | PVCX-LM (12-inch o.c.)                                    | -45.0*                     |
| G-66.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                         | LRF-M                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                     |
| G-67.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                            | LRF-M                                   | PVCX-LM (12-inch o.c.)                                    | -45.0*                     |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                |                                                                                 |                           | Top Insulation Layer                                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> )                 | <a href="#">MDP</a><br>( <a href="#">psf</a> )* |
|------------|------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------------|
|            |                                    | Type                                                                                                 | Fasten ( <a href="#">Note 11</a> )                                              | Attach                    | Type                                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                           |                                                 |
| G-68.      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                        | OB500                                     | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                                          |
| G-69.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                        | OB500                                     | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                                          |
| G-70.      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                                          |
| G-71.      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCX-LM (12-inch o.c.)                                    | -45.0*                                          |
| G-72.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                                          |
| G-73.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCX-LM (12-inch o.c.)                                    | -45.0*                                          |
| G-74.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | OB500                                     | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                                          |
| G-75.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                            | OB500                                     | PVCX-LM (12-inch o.c.)                                    | -45.0*                                          |

**EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:**

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                |                                                                                 |                           | Top Insulation Layer                                                                                                                                                                         |                                         | Roof Cover<br><a href="#">(Note 15)</a>                   | <a href="#">MDP</a><br><a href="#">(psf)</a> * |
|------------|----------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|------------------------------------------------|
|            |                                  | Type                                                                                                 | Fasten <a href="#">(Note 11)</a>                                                | Attach                    | Type                                                                                                                                                                                         | Attach<br><a href="#">(Notes 6,7,8)</a> |                                                           |                                                |
| G-76.      | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                   | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                                         |
| G-77.      | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                   | PVCF-LM (12-inch o.c.)                                    | -45.0*                                         |
| G-78.      | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                   | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                                         |
| G-79.      | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                   | PVCF-LM (12-inch o.c.)                                    | -45.0*                                         |
| G-80.      | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                            | LRF-M                                   | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                                         |
| G-81.      | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                     | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                               | LRF-M                                   | PVCF-LM (12-inch o.c.)                                    | -45.0*                                         |
| G-82.      | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                                         |
| G-83.      | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                   | PVCF-LM (12-inch o.c.)                                    | -45.0*                                         |
| G-84.      | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                                         |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                              |                                                                                 |               | Top Insulation Layer                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> )                 | MDP<br>(psf)* |
|------------|------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|---------------|
|            |                                    | Type                                                                                               | Fasten ( <a href="#">Note 11</a> )                                              | Attach        | Type                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                           |               |
| G-85.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board | OB500                                     | PVCF-LM (12-inch o.c.)                                    | -45.0*        |
| G-86.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                         | OB500                                     | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*        |
| G-87.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                            | OB500                                     | PVCF-LM (12-inch o.c.)                                    | -45.0*        |

**TABLE 6C: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                          | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                          | Top Insulation Layer                                                                                                                                                             |                                                                                                                                                                                                                       |               | Roof Cover ( <a href="#">Note 15</a> ) | <a href="#">MDP (psf)</a> |
|-------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------|---------------------------|
|                                                                                     |                                    |                                                | Type                                                                                                                                                                             | Fastener ( <a href="#">Note 11</a> )                                                                                                                                                                                  | Attach        |                                        |                           |
| EVERGUARD PVC SMOOTH OR PVC XK APPLICATIONS:                                        |                                    |                                                |                                                                                                                                                                                  |                                                                                                                                                                                                                       |               |                                        |                           |
| G-88.                                                                               | Existing gypsum deck               | (Optional) One or more layers, any combination | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3” Gyptec Plate (Min. 2-inch embedment)                                                                                                                                       | 1 per 2.0 ft² | PVC1-BA                                | -45.0*                    |
| G-89.                                                                               | Existing gypsum deck               | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3” Gyptec Plate (Min. 2-inch embedment)<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft² | PVC1-BA                                | -45.0*                    |
| G-90.                                                                               | Existing gypsum deck               | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard RH                                                                                                                                                       | Drill-Tec Polymer Gyptec with Drill-Tec 3” Gyptec Plate (Min. 2-inch embedment)                                                                                                                                       | 1 per 2.9 ft² | PVC1-BA                                | -45.0*                    |
| EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS: |                                    |                                                |                                                                                                                                                                                  |                                                                                                                                                                                                                       |               |                                        |                           |
| G-91.                                                                               | Existing gypsum deck               | (Optional) One or more layers, any combination | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Drill-Tec Polymer Gyptec with Drill-Tec 3” Gyptec Plate (Min. 2-inch embedment)                                                                                                                                       | 1 per 2.0 ft² | PVC2-BA                                | -45.0*                    |

**TABLE 6C: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                        | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                          | Top Insulation Layer                                                                                                                                             |                                                                                                                                                                                                                       |                           | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|-----------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|------------------------------|
|                                                                                   |                                  |                                                | Type                                                                                                                                                             | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                                    | Attach                    |                                      |                              |
| G-92.                                                                             | Existing gypsum deck             | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup> | PVC2-BA                              | -45.0*                       |
| G-93.                                                                             | Existing gypsum deck             | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment $\geq$ 140 lbf)                                                                                                                      | 1 per 1.3 ft <sup>2</sup> | PVC2-BA                              | -52.5                        |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b>             |                                  |                                                |                                                                                                                                                                  |                                                                                                                                                                                                                       |                           |                                      |                              |
| G-94.                                                                             | Existing gypsum deck             | (Optional) One or more layers, any combination | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                       | 1 per 2.0 ft <sup>2</sup> | PVC2-QL                              | -45.0*                       |
| G-95.                                                                             | Existing gypsum deck             | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup> | PVC2-QL                              | -45.0*                       |
| G-96.                                                                             | Existing gypsum deck             | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment $\geq$ 140 lbf)                                                                                                                      | 1 per 1.3 ft <sup>2</sup> | PVC2-QL                              | -52.5                        |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                  |                                                |                                                                                                                                                                  |                                                                                                                                                                                                                       |                           |                                      |                              |
| G-97.                                                                             | Existing gypsum deck             | (Optional) One or more layers, any combination | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                       | 1 per 2.0 ft <sup>2</sup> | PVC1-QS or PVC2-QS                   | -45.0*                       |
| G-98.                                                                             | Existing gypsum deck             | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                       | 1 per 4.0 ft <sup>2</sup> | PVC1-QS or PVC2-QS                   | -45.0*                       |
| G-99.                                                                             | Existing gypsum deck             | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment $\geq$ 140 lbf)                                                                                                                      | 1 per 1.3 ft <sup>2</sup> | PVC1-QS or PVC2-QS                   | -52.5                        |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b>                                  |                                  |                                                |                                                                                                                                                                  |                                                                                                                                                                                                                       |                           |                                      |                              |



**TABLE 6c: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                    | Deck <a href="#">(Note 1)</a> | Base Insulation Layer                          | Top Insulation Layer                                                                                                                                                          |                                                                                                                                                                                                                        |                           | Roof Cover <a href="#">(Note 15)</a>                                        | MDP <a href="#">(psf)</a> |
|-------------------------------------------------------------------------------|-------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------|---------------------------|
|                                                                               |                               |                                                | Type                                                                                                                                                                          | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                                     | Attach                    |                                                                             |                           |
| G-100.                                                                        | Existing gypsum deck          | (Optional) One or more layers, any combination | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                        | 1 per 2.0 ft <sup>2</sup> | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)                   | -45.0*                    |
| G-101.                                                                        | Existing gypsum deck          | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft. edges of the board | 1 per 4.0 ft <sup>2</sup> | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)                   | -45.0*                    |
| G-102.                                                                        | Existing gypsum deck          | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard RH                                                                                                                                                    | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                        | 1 per 2.9 ft <sup>2</sup> | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)                   | -45.0*                    |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                               |                                                |                                                                                                                                                                               |                                                                                                                                                                                                                        |                           |                                                                             |                           |
| G-103.                                                                        | Existing gypsum deck          | (Optional) One or more layers, any combination | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation              | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                        | 1 per 2.0 ft <sup>2</sup> | PVCF-WB, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| G-104.                                                                        | Existing gypsum deck          | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft. edges of the board | 1 per 4.0 ft <sup>2</sup> | PVCF-WB, PVCF-XF or PVCF-OB                                                 | -45.0*                    |
| G-105.                                                                        | Existing gypsum deck          | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                        | 1 per 2.9 ft <sup>2</sup> | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                            | -45.0*                    |
| G-106.                                                                        | Existing gypsum deck          | (Optional) One or more layers, any combination | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                | Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment ≥ 140 lbf)                                                                                                                            | 1 per 1.3 ft <sup>2</sup> | PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB            | -52.5                     |

**TABLE 6d: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER\***

| System No. | Deck <a href="#">(Note 1 and Note 12)</a> | Surface Preparation | Primer | Roof Cover <a href="#">(Note 15)</a> |                        | MDP <a href="#">(psf)</a> * |
|------------|-------------------------------------------|---------------------|--------|--------------------------------------|------------------------|-----------------------------|
|            |                                           |                     |        | Base Ply                             | Cap Ply                |                             |
| G-107.     | Existing poured gypsum                    | None                | None   | None                                 | PVCX-LM (12-inch o.c.) | -45.0                       |
| G-108.     | Existing poured gypsum                    | None                | None   | None                                 | PVCX-LO (6-inch o.c.)  | -45.0                       |
| G-109.     | Existing poured gypsum                    | None                | None   | None                                 | PVCX-OB or PVCF-OB     | -280.0                      |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                             | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                      | Base Insulation Layer                                                                           |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|                                                        |                                                                                                          | Type                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                                                                                          |                                                                                                 |                                           |                                                                                                                                                                                                                                 |                                           |                                        |                         |
| R-1.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA                                | -45.0                   |
| R-2.                                                   | Existing smooth-surfaced BUR                                                                             | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA                                | -75.0                   |
| R-3.                                                   | Existing smooth-surfaced BUR                                                                             | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | LRF-M                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board                                                                                                                              | LRF-M                                     | PVC1-BA                                | -75.0                   |
| R-4.                                                   | Existing smooth surfaced BUR or granule surfaced roof cover                                              | (Optional) Min. 1.5-inch EnergyGuard RH                                                         | LRF-M                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC1-BA                                | -75.0                   |
| R-5.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M                                     | PVC1-BA                                | -165.0                  |
| R-6.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                   | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | LRF-M                                     | PVC1-BA                                | -187.5                  |
| R-7.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA                                | -225.0                  |
| R-8.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | LRF-M                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                              | LRF-M                                     | PVC1-BA                                | -202.5                  |
| R-9.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | LRF-M                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                                                                | LRF-M                                     | PVC1-BA                                | -225.0                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                             | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                               |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                 | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-10.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board        | LRF-M Canister                            | PVC1-BA                                | -75.0                   |
| R-11.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                          | LRF-M Canister                            | PVC1-BA                                | -165.0                  |
| R-12.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M Canister                            | PVC1-BA                                | -202.5                  |
| R-13.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                            | None                                                                                               | N/A                                       | PVC1-BA                                | -225.0                  |
| R-14.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime                                                                      | LRF-M Canister                            | PVC1-BA                                | -225.0                  |
| R-15.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                          | LRF-XF                                    | None                                                                                               | N/A                                       | PVC1-BA                                | -45.0                   |
| R-16.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                          | LRF-XF                                    | PVC1-BA                                | -165.0                  |
| R-17.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                             | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                        | LRF-XF                                    | PVC1-BA                                | -180.0                  |
| R-18.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                    | None                                                                                               | N/A                                       | PVC1-BA                                | -180.0                  |
| R-19.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                    | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board | LRF-XF                                    | PVC1-BA                                | -180.0                  |
| R-20.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                          | OB500                                     | None                                                                                               | N/A                                       | PVC1-BA                                | -45.0                   |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                                 | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                      | Base Insulation Layer                                                                           |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|                                                                                            |                                                                                          | Type                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-21.                                                                                      | Existing smooth surfaced BUR / APP modified bitumen or granule surfaced roof cover       | (Optional) Min. 1.5-inch EnergyGuard RH                                                         | OB500                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC1-BA                                | -97.5                   |
| R-22.                                                                                      | Existing asphaltic BUR or mineral surfaced cap sheet                                     | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                  | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                 | OB500                                     | PVC1-BA                                | -120.0                  |
| R-23.                                                                                      | Existing asphaltic BUR or mineral surfaced cap sheet                                     | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                  | OB500                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                              | OB500                                     | PVC1-BA                                | -120.0                  |
| R-24.                                                                                      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | OB500                                     | PVC1-BA                                | -165.0                  |
| R-25.                                                                                      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                   | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | OB500                                     | PVC1-BA                                | -187.5                  |
| R-26.                                                                                      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                 | OB500                                     | PVC1-BA                                | -202.5                  |
| R-27.                                                                                      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | OB500                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA                                | -225.0                  |
| R-28.                                                                                      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                                                                | OB500                                     | PVC1-BA                                | -225.0                  |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:</b> |                                                                                          |                                                                                                 |                                           |                                                                                                                                                                                                                                 |                                           |                                        |                         |
| R-29.                                                                                      | Existing asphalt BUR or mineral surface cap sheet                                        | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                  | Hot Asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                                                     | Hot asphalt                               | PVC2-BA                                | -45.0                   |
| R-30.                                                                                      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC2-BA                                | -45.0                   |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                           |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-31.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M                                     | PVC2-BA                                | -110.0                  |
| R-32.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | LRF-M                                     | PVC2-BA                                | -110.0                  |
| R-33.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 6-inch o.c.                        | PVC2-BA                                | -157.5                  |
| R-34.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | LRF-M, 6-inch o.c.                        | PVC2-BA                                | -157.5                  |
| R-35.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M, 4-inch o.c.                        | PVC2-BA                                | -187.5                  |
| R-36.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 4-inch o.c.                        | PVC2-BA                                | -200.0                  |
| R-37.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH         | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC2-BA                                | -75.0                   |
| R-38.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-BA                                | -165.0                  |
| R-39.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                   | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                     | PVC2-BA                                | -187.5                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                                               |                                           | Top Insulation Layer                                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-40.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                  | LRF-M                                     | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                         | LRF-M                                     | PVC2-BA                                | -82.5                   |
| R-41.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                  | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                            | LRF-M                                     | PVC2-BA                                | -75.0                   |
| R-42.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH | LRF-M                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVC2-BA                                | -225.0                  |
| R-43.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                           | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                              | LRF-M Canister                            | PVC2-BA                                | -75.0                   |
| R-44.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                           | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                | LRF-M Canister                            | PVC2-BA                                | -165.0                  |
| R-45.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                        | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                                           | LRF-M Canister                            | PVC2-BA                                | -200.0                  |
| R-46.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                                                                      | LRF-M Canister                            | None                                                                                                                                     | N/A                                       | PVC2-BA                                | -225.0                  |
| R-47.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                           | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                        | LRF-M Canister                            | PVC2-BA                                | -225.0                  |
| R-48.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                    | LRF-XF                                    | None                                                                                                                                     | N/A                                       | PVC2-BA                                | -45.0                   |
| R-49.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                | LRF-XF                                    | (Optional) Additional layer of base insulation                                                                                           | LRF-XF                                    | PVC2-BA                                | -110.0                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                              |                                           | Top Insulation Layer                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-50.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC2-BA                                | -110.0                  |
| R-51.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation                                             | LRF-XF, 6-inch o.c.                       | PVC2-BA                                | -157.5                  |
| R-52.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF, 6-inch o.c.                       | PVC2-BA                                | -157.5                  |
| R-53.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF, 4-inch o.c.                       | Min. 1.5-inch Ultra HD Composite Insulation                                                | LRF-XF, 4-inch o.c.                       | PVC2-BA                                | -187.5                  |
| R-54.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation                                             | LRF-XF, 4-inch o.c.                       | PVC2-BA                                | -200.0                  |
| R-55.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-XF                                    | PVC2-BA                                | -165.0                  |
| R-56.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                      | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                | LRF-XF                                    | PVC2-BA                                | -180.0                  |
| R-57.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-XF                                    | (Optional) Additional layers base insulation                                               | LRF-XF                                    | PVC2-BA                                | -180.0                  |
| R-58.      | Existing smooth-surfaced modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                 | LRF-XF                                    | (Optional) Additional layer of base insulation                                             | LRF-XF                                    | PVC2-BA                                | -222.5                  |
| R-59.      | Existing smooth-surface BUR                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                 | LRF-XF                                    | (Optional) Additional layer of base insulation                                             | LRF-XF                                    | PVC2-BA                                | -262.5                  |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                           |                                           | Top Insulation Layer                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-60.      | Existing granule-surface modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | LRF-XF                                    | (Optional) Additional layer of base insulation                                             | LRF-XF                                    | PVC2-BA                                | -270.0                  |
| R-61.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                    | LRF-XF                                    | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                           | LRF-XF                                    | PVC2-BA                                | -130.0                  |
| R-62.      | Existing smooth-surfaced modified bitumen                                                                                                                              | (Optional) Min. 2-inch EnergyGuard RA, EnergyGuard RH                                           | LRF-XF                                    | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board         | LRF-XF                                    | PVC2-BA                                | -222.5                  |
| R-63.      | Existing smooth-surface BUR or granule-surface modified bitumen                                                                                                        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-XF                                    | None                                                                                       | N/A                                       | PVC2-BA                                | -245.0                  |
| R-64.      | Existing smooth-surface BUR or granule surface modified bitumen                                                                                                        | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                      | LRF-XF                                    | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board         | LRF-XF                                    | PVC2-BA                                | -247.5                  |
| R-65.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                | OB500                                     | None                                                                                       | N/A                                       | PVC2-BA                                | -45.0                   |
| R-66.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | OB500                                     | (Optional) Additional layer of base insulation                                             | OB500                                     | PVC2-BA                                | -110.0                  |
| R-67.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA                                | -110.0                  |
| R-68.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation                                              | OB500                                     | (Optional) Additional layer of base insulation                                             | OB500                                     | PVC2-BA                                | -120.0                  |
| R-69.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation                                   | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA                                | -120.0                  |
| R-70.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                             | OB500, 6-inch o.c.                        | PVC2-BA                                | -157.5                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                            | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                                               |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|                                                                       |                                                                                                                                                                        | Type                                                                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-71.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                     | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | OB500, 6-inch o.c.                        | PVC2-BA                                | -157.5                  |
| R-72.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                     | OB500, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500, 4-inch o.c.                        | PVC2-BA                                | -187.5                  |
| R-73.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | OB500, 4-inch o.c.                        | PVC2-BA                                | -200.0                  |
| R-74.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                             | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA                                | -97.5                   |
| R-75.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                  | OB500                                     | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                          | OB500                                     | PVC2-BA                                | -82.5                   |
| R-76.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch thick, min. 2.0 pcf Insulfoam Roofing EPS                                                                                             | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                     | PVC2-BA                                | -45.0                   |
| R-77.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, min. 2-inch, min. 2.0 pcf Insulfoam Roofing EPS                          | OB500                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | OB500                                     | PVC2-BA                                | -120.0                  |
| R-78.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH | OB500                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                  | OB500                                     | PVC2-BA                                | -225.0                  |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                                                                                                                        |                                                                                                                                                     |                                           |                                                                                                                                                                                           |                                           |                                        |                         |
| R-79.                                                                 | Existing asphalt BUR or mineral surface cap sheet                                                                                                                      | Min. 1.5-inch EnergyGuard RA                                                                                                                        | hot asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                                                                  | hot asphalt                               | PVC2-QL                                | -45.0                   |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                           |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-80.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation              | LRF-M                                     | None                                                                                                                                                                                      | N/A                                       | PVC2-QL                                | -45.0                   |
| R-81.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M                                     | PVC2-QL                                | -110.0                  |
| R-82.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-QL                                | -110.0                  |
| R-83.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 6-inch o.c.                        | PVC2-QL                                | -157.5                  |
| R-84.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M, 6-inch o.c.                        | PVC2-QL                                | -157.5                  |
| R-85.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 4-inch o.c.                        | PVC2-QL                                | -200.0                  |
| R-86.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH         | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC2-QL                                | -75.0                   |
| R-87.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-QL                                | -75.0                   |
| R-88.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-QL                                | -165.0                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                          |                                           | Top Insulation Layer                                                                                    |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                           | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-89.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                           | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                            | LRF-M                                     | PVC2-QL                                | -75.0                   |
| R-90.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | LRF-M                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVC2-QL                                | -225.0                  |
| R-91.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board             | LRF-M Canister                            | PVC2-QL                                | -75.0                   |
| R-92.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM      | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                               | LRF-M Canister                            | PVC2-QL                                | -165.0                  |
| R-93.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                   | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                          | LRF-M Canister                            | PVC2-QL                                | -200.0                  |
| R-94.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                                                 | LRF-M Canister                            | None                                                                                                    | N/A                                       | PVC2-QL                                | -225.0                  |
| R-95.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM      | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                       | LRF-M Canister                            | PVC2-QL                                | -225.0                  |
| R-96.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                             | LRF-XF                                    | None                                                                                                    | N/A                                       | PVC2-QL                                | -45.0                   |
| R-97.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                           | LRF-XF                                    | (Optional) Additional layer of base insulation                                                          | LRF-XF                                    | PVC2-QL                                | -110.0                  |
| R-98.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                               | LRF-XF                                    | PVC2-QL                                | -110.0                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                           |                                           | Top Insulation Layer                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-99.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation            | LRF-XF, 6-inch o.c.                       | PVC2-QL                                | -157.5                  |
| R-100.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | LRF-XF, 6-inch o.c.                       | PVC2-QL                                | -157.5                  |
| R-101.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation            | LRF-XF, 4-inch o.c.                       | PVC2-QL                                | -200.0                  |
| R-102.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | LRF-XF                                    | PVC2-QL                                | -165.0                  |
| R-103.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layers base insulation              | LRF-XF                                    | PVC2-QL                                | -180.0                  |
| R-104.     | Existing smooth-surfaced modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC2-QL                                | -222.5                  |
| R-105.     | Existing smooth-surface BUR                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC2-QL                                | -262.5                  |
| R-106.     | Existing granule-surface modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC2-QL                                | -270.0                  |
| R-107.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                    | LRF-XF                                    | Min. 0.25-inch DensDeck Prime                             | LRF-XF                                    | PVC2-QL                                | -130.0                  |
| R-108.     | Existing smooth-surfaced modified bitumen                                                                                                                              | (Optional) Min. 2-inch EnergyGuard RA, EnergyGuard RH                                           | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board           | LRF-XF                                    | PVC2-QL                                | -222.5                  |
| R-109.     | Existing smooth-surface BUR or granule-surface modified bitumen                                                                                                        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-XF                                    | None                                                      | N/A                                       | PVC2-QL                                | -245.0                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                           |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-110.     | Existing smooth-surface BUR or granule surface modified bitumen                                                                                                        | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                      | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-QL                                | -247.5                  |
| R-111.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation              | OB500                                     | None                                                                                                                                                                                      | N/A                                       | PVC2-QL                                | -45.0                   |
| R-112.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | OB500                                     | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                     | PVC2-QL                                | -110.0                  |
| R-113.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVC2-QL                                | -110.0                  |
| R-114.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | OB500, 6-inch o.c.                        | PVC2-QL                                | -157.5                  |
| R-115.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500, 6-inch o.c.                        | PVC2-QL                                | -157.5                  |
| R-116.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | OB500, 4-inch o.c.                        | PVC2-QL                                | -200.0                  |
| R-117.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH         | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-QL                                | -97.5                   |
| R-118.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch, min. 2.0 pcf, Insulfoam Roofing EPS                                              | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC2-QL                                | -45.0                   |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                        | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                       |                                           | Top Insulation Layer                                                                                    |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|                                                                                   |                                                                                                                                                                        | Type                                                                                                                        | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-119.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN , min. 2-inch, min. 2.0 pcf Insulfoam Roofing EPS | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                       | OB500                                     | PVC2-QL                                | -120.0                  |
| R-120.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation       | OB500                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVC2-QL                                | -225.0                  |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                                                                                                                                                        |                                                                                                                             |                                           |                                                                                                         |                                           |                                        |                         |
| R-121.                                                                            | Existing asphalt BUR or mineral surface cap sheet                                                                                                                      | Min. 1.5-inch EnergyGuard RA                                                                                                | hot asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime                                                                | hot asphalt                               | PVC1-QS or PVC2-QS                     | -45.0                   |
| R-122.                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation                                                                                  | LRF-M                                     | None                                                                                                    | N/A                                       | PVC1-QS or PVC2-QS                     | -45.0                   |
| R-123.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                | LRF-M                                     | (Optional) Additional layer of base insulation                                                          | LRF-M                                     | PVC1-QS or PVC2-QS                     | -110.0                  |
| R-124.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                     | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                               | LRF-M                                     | PVC1-QS or PVC2-QS                     | -110.0                  |
| R-125.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                          | LRF-M, 6-inch o.c.                        | PVC1-QS or PVC2-QS                     | -157.5                  |
| R-126.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                     | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                               | LRF-M, 6-inch o.c.                        | PVC1-QS or PVC2-QS                     | -157.5                  |
| R-127.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                          | LRF-M, 4-inch o.c.                        | PVC1-QS or PVC2-QS                     | -200.0                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                  | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                      | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-128.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                             | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                   | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC1-QS or PVC2-QS                     | -75.0                   |
| R-129.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                             | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                                                                  | LRF-M                                     | PVC1-QS or PVC2-QS                     | -75.0                   |
| R-130.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                             | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC1-QS or PVC2-QS                     | -75.0                   |
| R-131.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC1-QS or PVC2-QS                     | -165.0                  |
| R-132.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation                                             | LRF-M                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime                                                                                                                       | LRF-M                                     | PVC1-QS or PVC2-QS                     | -210.0                  |
| R-133.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                   | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                               | LRF-M Canister                            | PVC1-QS or PVC2-QS                     | -75.0                   |
| R-134.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                            | PVC1-QS or PVC2-QS                     | -165.0                  |
| R-135.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M Canister                            | PVC1-QS or PVC2-QS                     | -200.0                  |
| R-136.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                                            | LRF-M Canister                            | None                                                                                                                                                                                      | N/A                                       | PVC1-QS or PVC2-QS                     | -225.0                  |
| R-137.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECURock Gypsum-Fiber Roof Board                                                                                                                         | LRF-M Canister                            | PVC1-QS or PVC2-QS                     | -225.0                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                   |                                           | Top Insulation Layer                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-138.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation              | LRF-XF                                    | None                                                      | N/A                                       | PVC1-QS or PVC2-QS                     | -45.0                   |
| R-139.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -110.0                  |
| R-140.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -110.0                  |
| R-141.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation            | LRF-XF, 6-inch o.c.                       | PVC1-QS or PVC2-QS                     | -157.5                  |
| R-142.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | LRF-XF, 6-inch o.c.                       | PVC1-QS or PVC2-QS                     | -157.5                  |
| R-143.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation            | LRF-XF, 4-inch o.c.                       | PVC1-QS or PVC2-QS                     | -200.0                  |
| R-144.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -165.0                  |
| R-145.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layers base insulation              | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -180.0                  |
| R-146.     | Existing smooth-surfaced modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -222.5                  |
| R-147.     | Existing smooth-surface BUR                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -262.5                  |
| R-148.     | Existing granule-surface modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -270.0                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                   |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-149.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                            | LRF-XF                                    | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -130.0                  |
| R-150.     | Existing smooth-surface BUR or granule-surface modified bitumen                                                                                                        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                         | LRF-XF                                    | None                                                                                                                                                                                      | N/A                                       | PVC1-QS or PVC2-QS                     | -245.0                  |
| R-151.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation                                              | OB500                                     | None                                                                                                                                                                                      | N/A                                       | PVC1-QS or PVC2-QS                     | -45.0                   |
| R-152.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | OB500                                     | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                     | PVC1-QS or PVC2-QS                     | -110.0                  |
| R-153.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVC1-QS or PVC2-QS                     | -110.0                  |
| R-154.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | OB500, 6-inch o.c.                        | PVC1-QS or PVC2-QS                     | -157.5                  |
| R-155.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500, 6-inch o.c.                        | PVC1-QS or PVC2-QS                     | -157.5                  |
| R-156.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | OB500, 4-inch o.c.                        | PVC1-QS or PVC2-QS                     | -200.0                  |
| R-157.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC1-QS or PVC2-QS                     | -97.5                   |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                 | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                 | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|                                                                            |                                                                                                                                     | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-158.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                            | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                   | OB500                                     | PVC1-QS or PVC2-QS                     | -45.0                   |
| R-159.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN or min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                   | OB500                                     | PVC1-QS or PVC2-QS                     | -120.0                  |
| R-160.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                   | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                 | OB500                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                     | -210.0                  |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS IN WB181 BONDING ADHESIVE:</b> |                                                                                                                                     |                                                                                                                               |                                           |                                                                                                                                                                                                                                 |                                           |                                        |                         |
| R-161.                                                                     | Existing smooth-surfaced BUR                                                                                                        | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                            | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | N/A                                       | PVCX-WB                                | -75.0                   |
| R-162.                                                                     | Existing smooth surfaced BUR or granule surfaced roof cover                                                                         | (Optional) Min. 1.5-inch EnergyGuard RH                                                                                       | LRF-M                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCX-WB                                | -75.0                   |
| R-163.                                                                     | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                            | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                            | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | N/A                                       | PVCX-WB                                | -90.0                   |
| R-164.                                                                     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM     | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                        | LRF-M Canister                            | PVCX-WB                                | -75.0                   |
| R-165.                                                                     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                     | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                                                                                                                                  | N/A                                       | PVCX-WB                                | -90.0                   |
| R-166.                                                                     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM     | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                               | LRF-M Canister                            | PVCX-WB                                | -90.0                   |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                                              | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                           |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|                                                                                                         |                                                                                                                                                                        | Type                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-167.                                                                                                  | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | LRF-XF                                    | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | LRF-XF                                    | PVCX-WB                                | -90.0                   |
| R-168.                                                                                                  | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | OB500                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | N/A                                       | PVCX-WB                                | -90.0                   |
| R-169.                                                                                                  | Existing smooth surfaced BUR / APP modified bitumen or granule surfaced roof cover                                                                                     | (Optional) Min. 1.5-inch EnergyGuard RH                                                         | OB500                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCX-WB                                | -97.5                   |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS IN WB181 BONDING ADHESIVE:</b> |                                                                                                                                                                        |                                                                                                 |                                           |                                                                                                                                                                                                                                 |                                           |                                        |                         |
| R-170.                                                                                                  | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVCF-WB                                | -45.0                   |
| R-171.                                                                                                  | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVCF-WB                                | -75.0                   |
| R-172.                                                                                                  | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                                                                                                                  | LRF-M                                     | PVCF-WB                                | -110.0                  |
| R-173.                                                                                                  | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | LRF-M                                     | PVCF-WB                                | -110.0                  |
| R-174.                                                                                                  | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                                                                  | LRF-M, 6-inch o.c.                        | PVCF-WB                                | -157.5                  |
| R-175.                                                                                                  | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | LRF-M, 6-inch o.c.                        | PVCF-WB                                | -157.5                  |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-176.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-M, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M, 4-inch o.c.                        | PVCF-WB                                | -187.5                  |
| R-177.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 4-inch o.c.                        | PVCF-WB                                | -200.0                  |
| R-178.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) 0.5-inch EnergyGuard Polyiso Insulation or min. Min. 1.5-inch EnergyGuard RH                                   | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCF-WB                                | -75.0                   |
| R-179.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVCF-WB                                | -157.5                  |
| R-180.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                     | PVCF-WB                                | -187.5                  |
| R-181.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation       | LRF-M                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | LRF-M                                     | PVCF-WB                                | -225.0                  |
| R-182.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                               | LRF-M Canister                            | PVCF-WB                                | -75.0                   |
| R-183.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                            | PVCF-WB                                | -157.5                  |
| R-184.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M Canister                            | PVCF-WB                                | -200.0                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-185.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                                            | LRF-M Canister                            | None                                                                                       | N/A                                       | PVCF-WB                                | -225.0                  |
| R-186.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECURock Gypsum-Fiber Roof Board                          | LRF-M Canister                            | PVCF-WB                                | -225.0                  |
| R-187.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                          | LRF-XF                                    | None                                                                                       | N/A                                       | PVCF-WB                                | -45.0                   |
| R-188.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | LRF-XF                                    | (Optional) Additional layer of base insulation                                             | LRF-XF                                    | PVCF-WB                                | -110.0                  |
| R-189.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVCF-WB                                | -110.0                  |
| R-190.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation                                             | LRF-XF, 6-inch o.c.                       | PVCF-WB                                | -157.5                  |
| R-191.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF, 6-inch o.c.                       | PVCF-WB                                | -157.5                  |
| R-192.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                    | (Optional) Additional layers base insulation                                               | LRF-XF                                    | PVCF-WB                                | -180.0                  |
| R-193.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-XF, 4-inch o.c.                       | Min. 1.5-inch Ultra HD Composite Insulation                                                | LRF-XF, 4-inch o.c.                       | PVCF-WB                                | -187.5                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                           |                                           | Top Insulation Layer                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-194.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation                                             | LRF-XF, 4-inch o.c.                       | PVCF-WB                                | -200.0                  |
| R-195.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation              | OB500                                     | None                                                                                       | OB500                                     | PVCF-WB                                | -45.0                   |
| R-196.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | OB500                                     | (Optional) Additional layer of base insulation                                             | OB500                                     | PVCF-WB                                | -110.0                  |
| R-197.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCF-WB                                | -110.0                  |
| R-198.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                  | OB500                                     | (Optional) Additional layers base insulation                                               | OB500                                     | PVCF-WB                                | -120.0                  |
| R-199.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                             | OB500, 6-inch o.c.                        | PVCF-WB                                | -157.5                  |
| R-200.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500, 6-inch o.c.                        | PVCF-WB                                | -157.5                  |
| R-201.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                | OB500, 4-inch o.c.                        | PVCF-WB                                | -187.5                  |
| R-202.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                             | OB500, 4-inch o.c.                        | PVCF-WB                                | -200.0                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                           | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                 | Base Insulation Layer                                                                                                                           |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> )           | MDP (psf)* <sup>A</sup> |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-------------------------|
|                                                                                      |                                                                                                                                     | Type                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |                         |
| R-203.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                      | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCF-WB                                          | -97.5                   |
| R-204.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                       | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVCF-WB                                          | -120.0                  |
| R-205.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                   | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                 | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVCF-WB                                          | -157.5                  |
| R-206.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                   | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                 | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                     | PVCF-WB                                          | -187.5                  |
| R-207.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                   | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                             | OB500                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | OB500                                     | PVCF-WB                                          | -225.0                  |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                                                                                     |                                                                                                                                                 |                                           |                                                                                                                                                                                           |                                           |                                                  |                         |
| R-208.                                                                               | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                            | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                | LRF-M                                     | None                                                                                                                                                                                      | N/A                                       | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0                   |
| R-209.                                                                               | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                 | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                              | LRF-M                                     | None                                                                                                                                                                                      | N/A                                       | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -60.0                   |
| R-210.                                                                               | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                 | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                   | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | LRF-M                                     | PVCX-LM or PVCX-LO, 12-inch o.c.                 | -60.0                   |
| R-211.                                                                               | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                 | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-M                                     | PVCX-LO (12-inch o.c.)                           | -45.0                   |
| R-212.                                                                               | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                 | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-M                                     | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0                   |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                 | Base Insulation Layer                                                                                                                           |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> )         | MDP (psf)* <sup>A</sup> |
|------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------|-------------------------|
|            |                                                                                                                     | Type                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                |                         |
| R-213.     | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | LRF-M                                     | PVCX-LM (12-inch o.c.)                         | -45.0                   |
| R-214.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCX-LM or PVCX-LO, 4-inch o.c.                | -165.0                  |
| R-215.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                            | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                                   | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCX-LM or PVCX-LO, 4-inch o.c.                | -180.0                  |
| R-216.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN                   | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.) | -180.0                  |
| R-217.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN                   | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCX-LM (4-inch o.c.)                          | -180.0                  |
| R-218.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                       | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M Canister                            | PVCX-LO, 12-inch o.c.                          | -45.0                   |
| R-219.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                       | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M Canister                            | PVCX-LM or PVCX-LO, 12-inch o.c.               | -45.0                   |
| R-220.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen     | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                    | LRF-M Canister                            | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.               | -60.0                   |
| R-221.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                       | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCX-LM or PVCX-LO, 12-inch o.c.               | -60.0                   |
| R-222.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                       | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCX-LM or PVCX-LO, 4-inch o.c.                | -165.0                  |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                             | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> )           | MDP (psf)* <sup>A</sup> |
|------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-------------------------|
|            |                                                                                                                 | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |                         |
| R-223.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -180.0                  |
| R-224.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                          | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0                   |
| R-225.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -60.0                   |
| R-226.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                             | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.                 | -60.0                   |
| R-227.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                             | LRF-XF                                    | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-XF                                    | PVCX-LO (12-inch o.c.)                           | -45.0                   |
| R-228.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                             | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-XF                                    | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0                   |
| R-229.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                             | LRF-XF                                    | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | LRF-XF                                    | PVCX-LM (12-inch o.c.)                           | -45.0                   |
| R-230.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                           | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -165.0                  |
| R-231.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                             | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -180.0                  |
| R-232.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH             | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -180.0                  |
| R-233.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                                   | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM (4-inch o.c.)                            | -180.0                  |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                 | Base Insulation Layer                                                                                                                           |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> )           | MDP (psf)* <sup>A</sup> |
|------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-------------------------|
|            |                                                                                                                                     | Type                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |                         |
| R-234.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                | OB500                                     | None                                                                                                                     | N/A                                       | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0                   |
| R-235.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                              | OB500                                     | None                                                                                                                     | N/A                                       | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -60.0                   |
| R-236.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                   | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                     | PVCX-LM or PVCX-LO, 12-inch o.c.                 | -60.0                   |
| R-237.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                            | OB500                                     | PVCX-LO (12-inch o.c.)                           | -45.0                   |
| R-238.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | OB500                                     | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0                   |
| R-239.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | OB500                                     | PVCX-LM (12-inch o.c.)                           | -45.0                   |
| R-240.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                 | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -165.0                  |
| R-241.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                                   | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.                  | -180.0                  |
| R-242.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN                   | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)   | -180.0                  |
| R-243.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN                   | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCX-LM (4-inch o.c.)                            | -180.0                  |

EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS IN LRF ADHESIVE M OR LRF ADHESIVE O:

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                                                         |                                           | Top Insulation Layer                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> )           | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |                         |
| R-244.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                              | LRF-M                                     | None                                                                                       | N/A                                       | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0                   |
| R-245.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                       | LRF-M                                     | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                             | LRF-M                                     | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0                   |
| R-246.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                            | LRF-M                                     | None                                                                                       | N/A                                       | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0                   |
| R-247.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -60.0                   |
| R-248.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                          | LRF-M                                     | (Optional) Additional layer of base insulation                                             | LRF-M                                     | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0                   |
| R-249.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                               | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -60.0                   |
| R-250.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch DensDeck Prime                                                              | LRF-M                                     | PVCF-LO (12-inch o.c.)                           | -45.0                   |
| R-251.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                            | LRF-M                                     | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0                   |
| R-252.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                             | LRF-M                                     | PVCF-LM (12-inch o.c.)                           | -45.0                   |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                             | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> )         | MDP (psf)* <sup>A</sup> |
|------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------|-------------------------|
|            |                                                                                                                 | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                |                         |
| R-253.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCF-LM or PVCF-LO, 4-inch o.c.                | -165.0                  |
| R-254.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCF-LM or PVCF-LO, 4-inch o.c.                | -180.0                  |
| R-255.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -180.0                  |
| R-256.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCF-LM (4-inch o.c.)                          | -180.0                  |
| R-257.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM     | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M Canister                            | PVCF-LO, 12-inch o.c.                          | -45.0                   |
| R-258.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM     | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.               | -45.0                   |
| R-259.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM     | LRF-M Canister                            | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                           | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.               | -45.0                   |
| R-260.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                           | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.               | -60.0                   |
| R-261.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM     | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.               | -60.0                   |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> )           | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |                         |
| R-262.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCF-LM or PVCF-LO, 4-inch o.c.                  | -165.0                  |
| R-263.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCF-LM or PVCF-LO, 4-inch o.c.                  | -180.0                  |
| R-264.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                          | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0                   |
| R-265.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | LRF-XF                                    | (Optional) Additional layer of base insulation                                                                           | LRF-XF                                    | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0                   |
| R-266.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                             | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -60.0                   |
| R-267.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                             | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.                  | -165.0                  |
| R-268.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                             | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.                  | -180.0                  |
| R-269.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH             | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -180.0                  |
| R-270.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH             | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-LM (4-inch o.c.)                            | -180.0                  |
| R-271.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                          | OB500                                     | None                                                                                                                     | N/A                                       | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0                   |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                                                         |                                           | Top Insulation Layer                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> )           | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                  |                         |
| R-272.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                       | OB500                                     | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                             | OB500                                     | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0                   |
| R-273.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                            | OB500                                     | None                                                                                       | N/A                                       | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0                   |
| R-274.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                 | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -60.0                   |
| R-275.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                          | OB500                                     | (Optional) Additional layer of base insulation                                             | OB500                                     | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0                   |
| R-276.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                               | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.                 | -60.0                   |
| R-277.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch DensDeck Prime                                                              | OB500                                     | PVCF-LO (12-inch o.c.)                           | -45.0                   |
| R-278.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                            | OB500                                     | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0                   |
| R-279.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                             | OB500                                     | PVCF-LM (12-inch o.c.)                           | -45.0                   |
| R-280.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                 | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | OB500                                     | PVCF-LM or PVCF-LO, 4-inch o.c.                  | -165.0                  |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                               | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                 | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> )         | MDP (psf)* <sup>A</sup> |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------|-------------------------|
|                                                                          |                                                                                                                                     | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                |                         |
| R-281.                                                                   | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCF-LM or PVCF-LO, 4-inch o.c.                | -180.0                  |
| R-282.                                                                   | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -180.0                  |
| R-283.                                                                   | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCF-LM (4-inch o.c.)                          | -180.0                  |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS IN SPATTER APPLICATIONS:</b> |                                                                                                                                     |                                                                                                                               |                                           |                                                                                                                          |                                           |                                                |                         |
| R-284.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCX-OB                                        | -165.0                  |
| R-285.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCX-OB                                        | -180.0                  |
| R-286.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCX-OB                                        | -180.0                  |
| R-287.                                                                   | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM     | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCX-OB                                        | -165.0                  |
| R-288.                                                                   | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM     | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCX-OB                                        | -180.0                  |
| R-289.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCX-OB                                        | -165.0                  |
| R-290.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCX-OB                                        | -180.0                  |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                                            | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|                                                                                                       |                                                                                                                                                                        | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-291.                                                                                                | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-OB                                | -180.0                  |
| R-292.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCX-OB                                | -165.0                  |
| R-293.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCX-OB                                | -180.0                  |
| R-294.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCX-OB                                | -180.0                  |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS IN SPATTER APPLICATIONS:</b> |                                                                                                                                                                        |                                                                                                                               |                                           |                                                                                                                          |                                           |                                        |                         |
| R-295.                                                                                                | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                              | LRF-M                                     | None                                                                                                                     | N/A                                       | PVCF-XF or PVCF-OB                     | -45.0                   |
| R-296.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                          | LRF-M                                     | (Optional) Additional layer of base insulation                                                                           | LRF-M                                     | PVCF-XF or PVCF-OB                     | -110.0                  |
| R-297.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                               | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M                                     | PVCF-XF or PVCF-OB                     | -110.0                  |
| R-298.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                          | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                           | LRF-M, 6-inch o.c.                        | PVCF-XF or PVCF-OB                     | -157.5                  |
| R-299.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                               | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M, 6-inch o.c.                        | PVCF-XF or PVCF-OB                     | -157.5                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-300.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                               | LRF-M, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M, 4-inch o.c.                        | PVCF-XF or PVCF-OB                     | -187.5                  |
| R-301.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                          | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                           | LRF-M, 4-inch o.c.                        | PVCF-XF or PVCF-OB                     | -200.0                  |
| R-302.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCF-XF or PVCF-OB                     | -165.0                  |
| R-303.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCF-XF or PVCF-OB                     | -180.0                  |
| R-304.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-XF or PVCF-OB                     | -180.0                  |
| R-305.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCF-XF                                | -180.0                  |
| R-306.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM     | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCF-XF or PVCF-OB                     | -165.0                  |
| R-307.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                           | LRF-M Canister                            | PVCF-XF or PVCF-OB                     | -200.0                  |
| R-308.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM     | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCF-XF or PVCF-OB                     | -180.0                  |
| R-309.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                              | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCF-XF or PVCF-OB                     | -45.0                   |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                              |                                           | Top Insulation Layer                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-310.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF                                    | (Optional) Additional layer of base insulation                                             | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -110.0                  |
| R-311.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -110.0                  |
| R-312.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation                                             | LRF-XF, 6-inch o.c.                       | PVCF-XF or PVCF-OB                     | -157.5                  |
| R-313.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF, 6-inch o.c.                       | PVCF-XF or PVCF-OB                     | -157.5                  |
| R-314.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation      | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -165.0                  |
| R-315.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation      | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -180.0                  |
| R-316.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA | LRF-XF                                    | (Optional) Additional layers base insulation                                               | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -180.0                  |
| R-317.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF, 4-inch o.c.                       | Min. 1.5-inch Ultra HD Composite Insulation                                                | LRF-XF, 4-inch o.c.                       | PVCF-XF or PVCF-OB                     | -187.5                  |
| R-318.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation                                             | LRF-XF, 4-inch o.c.                       | PVCF-XF or PVCF-OB                     | -200.0                  |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                           |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf)* <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                         |
| R-319.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -180.0                  |
| R-320.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-XF                                | -180.0                  |
| R-321.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                | OB500                                     | None                                                                                                                     | N/A                                       | PVCF-XF or PVCF-OB                     | -45.0                   |
| R-322.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                            | OB500                                     | (Optional) Additional layer of base insulation                                                                           | OB500                                     | PVCF-XF or PVCF-OB                     | -110.0                  |
| R-323.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                     | PVCF-XF or PVCF-OB                     | -110.0                  |
| R-324.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                            | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                           | OB500, 6-inch o.c.                        | PVCF-XF or PVCF-OB                     | -157.5                  |
| R-325.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500, 6-inch o.c.                        | PVCF-XF or PVCF-OB                     | -157.5                  |
| R-326.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | OB500, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500, 4-inch o.c.                        | PVCF-XF or PVCF-OB                     | -187.5                  |
| R-327.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                            | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                           | OB500, 4-inch o.c.                        | PVCF-XF or PVCF-OB                     | -200.0                  |

**TABLE 7A: RECOVER APPLICATIONS**
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER\***

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                 | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf)* <sup>A</sup> |
|------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|----------------------------|
|            |                                                                                                                                     | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                            |
| R-328.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCF-XF or PVCF-OB                     | -165.0                     |
| R-329.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                 | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCF-XF or PVCF-OB                     | -180.0                     |
| R-330.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-XF or PVCF-OB                     | -180.0                     |
| R-331.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH, EnergyGuard RN | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCF-XF                                | -180.0                     |

**TABLE 7B: STEEL - RECOVER**
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

(All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)

| System No. | Substrate<br>( <a href="#">Note 1</a> )                                                                                                       | Insulation Layer                                            | Attachment                                                                                               |                            | Roof Cover ( <a href="#">Note 15B</a> )                                                        | MDP<br>(psf) |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------|--------------|
|            |                                                                                                                                               |                                                             | Fastener ( <a href="#">Note 11</a> )                                                                     | Spacing                    |                                                                                                |              |
| R-332.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced <b>max. 60-inch o.c.</b> | One or more layers, any combination, preliminarily fastened | Drill-Tec Hex-Head Purlin Fastener and Drill-Tec RhinoBond PVC XHD Plate are fastened through to purlins | 12-inch o.c. along purlins | EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions. | -52.5        |
| R-333.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced <b>max. 72-inch o.c.</b> | One or more layers, any combination, preliminarily fastened | Drill-Tec Hex-Head Purlin Fastener and Drill-Tec RhinoBond PVC XHD Plate are fastened through to purlins | 6-inch o.c. along purlins  | EverGuard PVC or EverGuard PVC KEE induction welded per manufacturer's published instructions. | -75.0        |

**TABLE 7c: STEEL - RECOVER**
**SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

(All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)

| System No. | Deck <a href="#">(Note 1)</a>                                                                                                                                                       | Insulation                          |                  | Roof Cover <a href="#">(Note 15A)</a> |                                                                                                                                                                                                                         |                                                                                                                                         | MDP <a href="#">(psf)</a> |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|            |                                                                                                                                                                                     | Type                                | Attach           | Membrane                              | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                                      | Attachment                                                                                                                              |                           |
| R-334.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi or min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced <b>max. 120-inch o.c.</b> | One or more layers, any combination | Prelim. attached | EverGuard PVC or EverGuard PVC KEE    | Drill-Tec Hex Head Purlin Fastener and Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate or Drill-Tec #12 Purlin Fastener with Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate | 6-inch o.c. in rows spaced max. 120-inch o.c. to engage steel purlin. An 8-inch wide cover strip is heat welded over the stress plates. | -45.0                     |
| R-335.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi or min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced <b>max. 114-inch o.c.</b> | One or more layers, any combination | Prelim. attached | EverGuard PVC or EverGuard PVC KEE    | Drill-Tec Hex Head Purlin Fastener and Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate or Drill-Tec #12 Purlin Fastener with Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate | 6-inch o.c. in rows spaced max. 114-inch o.c. to engage steel purlin. An 8-inch wide cover strip is heat welded over the stress plates. | -52.5                     |

**TABLE 7D: RECOVER APPLICATIONS**
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                   | Substrate <a href="#">(Note 1 and Note 12)</a>                                                                                                                                                     | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> <sup>*A</sup> |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------|
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b>                             |                                                                                                                                                                                                    |                                      |                                         |
| R-336.                                                                       | Existing fully adhered granule-surfaced asphaltic roof cover, existing fully adhered granule-surfaced SBS modified bitumen or existing fully adhered granule-surfaced APP modified bitumen         | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                                   |
| R-337.                                                                       | Existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing fully adhered smooth- or granule-surfaced APP modified bitumen                                                 | PVCX-LM or PVCX-LO, 4-inch o.c.      | -337.5                                  |
| R-338.                                                                       | Existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing fully adhered granule-surfaced APP modified bitumen                                                            | PVCF-OB                              | -337.5                                  |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS</b> |                                                                                                                                                                                                    |                                      |                                         |
| R-339.                                                                       | Existing fully adhered, granule-surfaced asphaltic roof cover                                                                                                                                      | PVCF-LM or PVCF-LO, 12-inch o.c.     | -60.0                                   |
| R-340.                                                                       | Existing fully adhered granule-surfaced asphaltic roof cover                                                                                                                                       | PVCF-LM, 6-inch o.c.                 | -67.5                                   |
| R-341.                                                                       | Existing fully adhered granule-surfaced asphaltic roof cover, existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing smooth- or granule-surfaced APP modified bitumen | PVCF-LM or PVCF-LO, 4-inch o.c.      | -330.0                                  |
| R-342.                                                                       | Existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing fully adhered granule-surfaced APP modified bitumen                                                            | PVCF-XF or PVCF-OB                   | -330.0                                  |
| R-343.                                                                       | Existing fully adhered, granule-surfaced asphaltic roof cover                                                                                                                                      | PVCF-HA                              | -405.0                                  |



**TABLE 8A: HILTI PART / SUPPORT THICKNESS LIMITATIONS<sup>1</sup>**

| HILTI PART                                      | STEEL SUPPORTING MEMBER THICKNESS (INCH) |
|-------------------------------------------------|------------------------------------------|
| X-ENP-19 L15, X-ENP-19 L15MX or X-ENP-19 L15MXR | $t \geq 0.25$                            |
| X-HSN 24                                        | $0.125 \leq t \leq 0.375$                |
| S-MD 12-24 x 1-5/8 M HWH5                       | $0.125 < t \leq 0.25$                    |

For mechanically attached single ply membrane over steel deck, where the membrane-fastener row-spacing is greater than one-half of the deck span, up to maximum 138-inch o.c., the above noted Hilti parts may be used in lieu of the the listed ITW #12 HWH Tek's 5 fasteners.

For other applications, refer to Table 8B below.

**TABLE 8B: HILTI PART / TYPE B STEEL DECK ATTACHMENT-SPAN LIMITATIONS<sup>1</sup>**

*Limited to fully or partially adhered roof coverings or when the membrane-fastener row-spacing is less than or equal to one-half of the deck span.*

| HILTI PART                                                                                       | MAX. SPACING<br>(INCH O.C.) | MAX. ALLOWABLE<br>DESIGN PRESSURE (PSF) | MAX. DECK SPAN (INCHES) |             |                   |             |                   |             |
|--------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------|-------------------------|-------------|-------------------|-------------|-------------------|-------------|
|                                                                                                  |                             |                                         | Min. 22 ga. steel       |             | Min. 20 ga. steel |             | Min. 18 ga. steel |             |
|                                                                                                  |                             |                                         | Min. 33 ksi             | Min. 80 ksi | Min. 33 ksi       | Min. 80 ksi | Min. 33 ksi       | Min. 80 ksi |
| X-ENP-19 L15<br>X-ENP-19 L15MX<br>X-ENP-19 L15MXR<br>X-HSN 24<br>or<br>S-MD 12-24 x 1-5/8 M HWH5 | 12                          | -45.0                                   | 72                      | 72          | 72                | 72          | 72                | 72          |
|                                                                                                  | 6                           | -82.5                                   | 72                      | 72          | 72                | 72          | 72                | 72          |
|                                                                                                  | 6                           | -90.0                                   | 68                      | 72          | 72                | 72          | 72                | 72          |
|                                                                                                  | 6                           | -97.5                                   | 63                      | 72          | 72                | 72          | 72                | 72          |
|                                                                                                  | 6                           | -105.0                                  | 59                      | 72          | 72                | 72          | 72                | 72          |
|                                                                                                  | 6                           | -112.5                                  | 55                      | 72          | 67                | 72          | 72                | 72          |
|                                                                                                  | 6                           | -120.0                                  | 51                      | 72          | 63                | 72          | 72                | 72          |
|                                                                                                  | 6                           | -127.5                                  | 48                      | 72          | 59                | 72          | 72                | 72          |
|                                                                                                  | 6                           | -135.0                                  | 45                      | 72          | 56                | 72          | 72                | 72          |
|                                                                                                  | 6                           | -142.5                                  | 43                      | 72          | 53                | 72          | 72                | 72          |
|                                                                                                  | 6                           | -150.0                                  | 41                      | 72          | 50                | 72          | 69                | 72          |
|                                                                                                  | 6                           | -157.5                                  | 39                      | 71          | 48                | 72          | 65                | 72          |
|                                                                                                  | 6                           | -165.0                                  | 37                      | 68          | 46                | 72          | 62                | 72          |

<sup>1</sup> Information is provided as guidance for use at the discretion of the Designer or Record and Authority Having Jurisdiction. Neither NEMO|etc. nor Robert Nieminen, P.E. purport to evaluate Hilti fasteners for compliance with the Florida Building Code.



**NEMO|etc.**

Certificate of Authorization #32455  
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ENGINEER

EVALUATE

TEST

CONSULT

**P.E. EVALUATION REPORT (PEER)**

**GAF**

1 Campus Drive  
Parsippany, NJ 07054  
(800) 766-3411

PEER-GAF-008.A.R50

FL3443-R47 (NON-HVHZ)

Date of Issuance: 07/20/2005

Revision 50: 08/07/2023

**SCOPE:**

This P.E. Evaluation Report (henceforth 'PEER') is issued under F.A.C. [Rule 61G20-3](#) and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The product described herein has been evaluated for compliance with the 8<sup>th</sup> Edition (2023) Florida Building Code [sections noted herein](#).

**DESCRIPTION: GAF EverGuard PVC and PVC/KEE Roof Systems (NON-HVHZ)**

**LABELING:** Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

**CONTINUED COMPLIANCE:** This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.

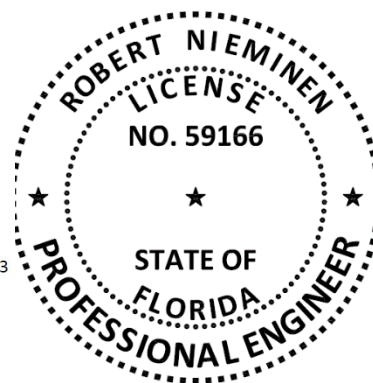
**ADVERTISEMENT:** The Florida Product Approval Number (FL#) preceded by the words "Nemo P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be done in its entirety.

**INSPECTION:** Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 5, plus a 181-page Appendix.

Prepared by: **Digitally signed**  
**by Robert**  
**Nieminen**  
**Date: 2023.08.07**  
**'16:38:25 -04'00**

This item has been digitally signed and sealed by Robert Nieminen, P.E.  
Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.  
Robert Nieminen, Florida P.E. 59166, FBC ANE1983  
NEMO ETC, LLC, Florida CA #32455



**CERTIFICATION OF INDEPENDENCE:**

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
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5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

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**ROOFING SYSTEMS EVALUATION:**
**1. SCOPE:**

**Product Category:** Roofing  
**Sub-Category:** Single Ply Roof Systems  
**Product Approval Method:** Method 1, Option D: Codified Material, Evaluation by Engineer  
**Compliance Statement:** **GAF EverGuard PVC and PVC/KEE Roof Systems**, as produced by **GAF**, have demonstrated compliance with the following sections of the **8<sup>th</sup> Edition (2023) Florida Building Code** through testing in accordance with the following Standards. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

**2. STANDARDS:**

| SECTION   | PROPERTY            | STANDARD   | YEAR |
|-----------|---------------------|------------|------|
| 1504.3.1  | Wind resistance     | FM 4474    | 2011 |
| 1504.6    | Physical properties | ASTM G154  | 2016 |
| 1504.7    | Impact resistance   | FM 4470    | 2016 |
| 1507.10.2 | Material standard   | ASTM D2178 | 2015 |
| 1507.10.2 | Material standard   | ASTM D4601 | 2012 |
| 1507.10.2 | Material standard   | ASTM D4897 | 2016 |
| 1507.11.2 | Material standard   | ASTM D6163 | 2016 |
| 1507.11.2 | Material standard   | ASTM D6164 | 2016 |
| 1507.11.2 | Material standard   | ASTM D6222 | 2016 |
| 1507.13.2 | Material standard   | ASTM D4434 | 2015 |

**3. REFERENCES:**

| ENTITY         | EXAM            | REFERENCE               | DATE     | ENTITY       | EXAM         | REFERENCE    | DATE     |
|----------------|-----------------|-------------------------|----------|--------------|--------------|--------------|----------|
| NEMO (TST6049) | ASTM D4434 (UT) | 4S-GAF-18-003.12.18-1   | 12/04/18 | FM (TST1867) | FM 4474      | 3061218      | 05/10/17 |
| NEMO (TST6049) | ASTM D4434 (UT) | 4S-GAF-18-003.12.18-2   | 12/04/18 | FM (TST1867) | FM 4474      | 3061218 LTR  | 05/16/17 |
| NEMO (TST6049) | ASTM D4434 (NJ) | 4r-FMI-20-SSTHP-01.A    | 12/10/21 | FM (TST1867) | FM 4474      | RR209927     | 06/23/17 |
| NEMO (TST6049) | Various PPT     | 4j-GAF-21-SSUDL-01.A-R2 | 12/16/21 | FM (TST1867) | FM 4474      | RR210305     | 07/13/17 |
| NEMO (TST6049) | ASTM D4434 (NJ) | 4r-FMI-20-SSTHP-01.B    | 08/01/22 | FM (TST1867) | FM 4474      | RR212730     | 04/05/18 |
| NEMO           | PEER            | PEER-GAF-007.A&B        | 08/06/23 | FM (TST1867) | FM 4474      | 3056933      | 07/19/18 |
| ACRC (TST4671) | TAS 114         | 06-047                  | 12/21/06 | FM (TST1867) | FM 4474      | PR449764     | 07/25/18 |
| ACRC (TST4671) | TAS 114         | 07-001                  | 01/12/07 | FM (TST1867) | FM 4474      | 3061784      | 07/25/18 |
| ACRC (TST4671) | TAS 114         | 07-002                  | 01/12/07 | FM (TST1867) | FM 4474      | 3055904      | 10/25/18 |
| ACRC (TST4671) | TAS 114         | 07-007                  | 01/19/07 | FM (TST1867) | FM 4474      | RR215191-267 | 11/07/18 |
| ACRC (TST4671) | TAS 114         | 07-029                  | 03/08/07 | FM (TST1867) | FM 4474      | RR215193-267 | 11/08/18 |
| ACRC (TST4671) | TAS 114         | 07-031                  | 05/09/07 | FM (TST1867) | FM 4474      | PR450261     | 10/22/19 |
| ACRC (TST4671) | TAS 114         | 08-031                  | 05/05/08 | FM (TST1867) | FM 4470      | PR452971-R1  | 01/28/20 |
| ACRC (TST4671) | TAS 114         | 11-057                  | 09/30/11 | FM (TST1867) | FM 4474      | PR453353     | 01/31/20 |
| ACRC (TST4671) | TAS 114         | 11-058                  | 10/03/11 | FM (TST1867) | FM 4474      | PR452423     | 02/06/20 |
| ACRC (TST4671) | TAS 114         | 11-059                  | 10/04/11 | FM (TST1867) | FM 4474      | PR455468     | 07/01/20 |
| ACRC (TST4671) | TAS 114         | 11-060                  | 10/05/11 | FM (TST1867) | FM 4474      | PR455417     | 12/23/20 |
| ACRC (TST4671) | TAS 114         | 11-061                  | 10/06/11 | FM (TST1867) | FM 4474      | RR227079     | 03/10/21 |
| ACRC (TST4671) | TAS 114         | 11-062                  | 10/07/11 | FM (TST1867) | Traceability | PR459034     | 03/24/21 |
| ACRC (TST4671) | TAS 114         | 11-063                  | 10/08/11 | FM (TST1867) | FM 4470      | RR227768-267 | 04/09/21 |
| ACRC (TST4671) | TAS 114         | 11-066                  | 11/21/11 | FM (TST1867) | FM 4474      | PR457312     | 04/20/21 |
| ACRC (TST4671) | TAS 114         | 12-005                  | 04/09/12 | FM (TST1867) | FM 4470      | PR459831     | 04/21/21 |
| ACRC (TST4671) | TAS 114         | 12-006                  | 04/09/12 | FM (TST1867) | FM 4474      | PR456101     | 06/24/21 |
| ACRC (TST4671) | TAS 114         | 12-007                  | 04/10/12 | FM (TST1867) | FM 4474      | PR460786     | 08/30/21 |
| ACRC (TST4671) | TAS 114         | 12-009                  | 04/20/12 | FM (TST1867) | FM 4474      | PR460560     | 09/22/21 |
| ACRC (TST4671) | TAS 114         | 12-010                  | 04/20/12 | FM (TST1867) | FM 4474      | PR461047     | 10/25/21 |
| ACRC (TST4671) | TAS 114         | 12-011                  | 04/20/12 | FM (TST1867) | FM 4474      | RR232145-267 | 03/21/22 |
| ACRC (TST4671) | TAS 114         | 12-021                  | 04/26/12 | FM (TST1867) | FM 4474      | PR450629     | 04/13/22 |
| ACRC (TST4671) | TAS 114         | 12-022                  | 04/26/12 | FM (TST1867) | FM 4474      | RR232513-267 | 04/22/22 |
| ACRC (TST4671) | TAS 114         | 12-017                  | 05/07/12 | FM (TST1867) | FM 4474      | PR460889     | 08/01/22 |
| ACRC (TST4671) | TAS 114         | 12-020                  | 05/08/12 | FM (TST1867) | FM 4474      | PR460126     | 09/20/22 |
| ACRC (TST4671) | TAS 114         | 12-027                  | 05/22/12 | FM (TST1867) | FM 4474      | PR463035     | 11/10/22 |
| ACRC (TST4671) | TAS 114         | 12-028                  | 05/22/12 | FM (TST1867) | FM 4474      | PR461460     | 11/15/22 |
| ACRC (TST4671) | TAS 114         | 12-032                  | 08/23/12 | FM (TST1867) | FM 4474      | RR235368-267 | 12/19/22 |
| ACRC (TST4671) | TAS 114         | 11-015-R1               | 08/29/12 | FM (TST1867) | FM 4474      | PR464081     | 02/20/23 |
| ACRC (TST4671) | TAS 114         | 11-018-R1               | 08/29/12 | FM (TST1867) | FM 4474      | RR236601-267 | 03/30/23 |

| ENTITY         | EXAM    | REFERENCE           | DATE     | ENTITY         | EXAM        | REFERENCE             | DATE     |
|----------------|---------|---------------------|----------|----------------|-------------|-----------------------|----------|
| ACRC (TST4671) | TAS 114 | 11-022-R1           | 08/29/12 | IRT (TST5296)  | TAS 114     | 04-006                | 02/16/04 |
| ACRC (TST4671) | TAS 114 | 16-002              | 03/04/16 | NEMO (TST6049) | FM 4474     | 4L-CEL-18-001.12.18-2 | 07/10/19 |
| ACRC (TST4671) | TAS 114 | 21-014              | 08/16/21 | PRI (TST5878)  | FM 4470     | GAF-462-02-01         | 11/15/13 |
| ACRC (TST4671) | TAS 114 | 21-018              | 08/17/21 | PRI (TST5878)  | FM 4470     | GAF-462-02-02         | 11/18/13 |
| ACRC (TST4671) | TAS 114 | 23-012              | 06/16/23 | PRI (TST5878)  | FM 4470     | GAF-462-02-03         | 11/18/13 |
| ATI (TST1558)  | TAS 114 | H-3320.01-109-44    | 08/10/17 | PRI (TST5878)  | FM 4470     | GAF-462-02-04         | 11/18/13 |
| ATI (TST1558)  | TAS 114 | H-3314.01-109-44    | 08/14/17 | PRI (TST5878)  | FM 4474     | GAF-457-02-02         | 01/20/14 |
| ATI (TST1558)  | TAS 114 | H-3315.01-109-44    | 08/14/17 | PRI (TST5878)  | FM 4474     | GAF-457-02-04         | 01/24/14 |
| ATI (TST1558)  | TAS 114 | H-3317.01-109-44    | 08/14/17 | PRI (TST5878)  | FM 4474     | GAF-457-02-06         | 01/24/14 |
| ATI (TST1558)  | TAS 114 | H-3318.01-109-44    | 08/14/17 | PRI (TST5878)  | FM 4474     | GAF-457-02-07         | 01/24/14 |
| ATI (TST1558)  | TAS 114 | H8498.01-109-18     | 03/27/18 | PRI (TST5878)  | FM 4474     | GAF-457-02-08         | 01/24/14 |
| ATI (TST1558)  | TAS 114 | H7234.01-109-18     | 05/01/18 | PRI (TST5878)  | FM 4470     | GAF-435-02-01         | 01/29/14 |
| ERD (TST6049)  | FM 4474 | P6860.06.07-R1      | 09/10/09 | PRI (TST5878)  | FM 4474     | GAF-435-02-11         | 01/29/14 |
| ERD (TST6049)  | FM 4474 | 02762.03.05-R2      | 04/01/10 | PRI (TST5878)  | FM 4474     | GAF-510-02-02         | 04/08/14 |
| ERD (TST6049)  | FM 4474 | GAF-SC8580.14       | 03/25/15 | PRI (TST5878)  | FM 4474     | GAF-515-02-01         | 05/13/14 |
| ERD (TST6049)  | FM 4474 | GAF-SC8580.14       | 07/20/15 | PRI (TST5878)  | FM 4474     | GAF-515-02-03         | 05/13/14 |
| ERD (TST6049)  | FM 4474 | GAF-SC16825.12.17-1 | 12/31/17 | PRI (TST5878)  | FM 4474     | GAF-516-02-03         | 05/13/14 |
| FET (TST7393)  | TAS 114 | 08-050182           | 06/26/08 | PRI (TST5878)  | FM 4474     | GAF-525-02-02         | 06/23/14 |
| FM (TST1867)   | FM 4470 | 3003956             | 02/18/00 | PRI (TST5878)  | FM 4474     | GAF-525-02-03         | 06/23/14 |
| FM (TST1867)   | FM 4470 | 3003955             | 03/05/02 | PRI (TST5878)  | FM 4474     | GAF-462-02-07         | 07/01/14 |
| FM (TST1867)   | FM 4470 | 3014692             | 08/05/03 | PRI (TST5878)  | FM 4474     | GAF-462-02-08         | 07/01/14 |
| FM (TST1867)   | FM 4474 | 3024709             | 10/21/05 | PRI (TST5878)  | FM 4474     | GAF-462-02-09         | 07/01/14 |
| FM (TST1867)   | FM 4474 | 3023368             | 03/20/06 | PRI (TST5878)  | FM 4474     | GAF-462-02-10         | 07/01/14 |
| FM (TST1867)   | FM 4474 | 3028606             | 02/23/07 | PRI (TST5878)  | FM 4474     | GAF-462-02-11         | 07/01/14 |
| FM (TST1867)   | FM 4474 | 3026964             | 07/25/07 | PRI (TST5878)  | FM 4474     | GAF-538-02-03         | 08/13/14 |
| FM (TST1867)   | FM 4474 | 3031127             | 10/01/07 | PRI (TST5878)  | FM 4474     | GAF-653-02-01         | 11/11/16 |
| FM (TST1867)   | FM 4474 | 3033126             | 07/11/08 | PRI (TST5878)  | FM 4474     | GAF-653-02-04         | 11/11/16 |
| FM (TST1867)   | FM 4474 | 3034394             | 02/27/09 | PRI (TST5878)  | FM 4474     | GAF-746-02-01         | 12/14/16 |
| FM (TST1867)   | FM 4470 | 3037525             | 09/25/09 | PRI (TST5878)  | FM 4474     | GAF-746-02-02         | 12/14/16 |
| FM (TST1867)   | FM 4474 | 3037879             | 02/04/10 | PRI (TST5878)  | FM 4474     | GAF-746-02-05         | 12/14/16 |
| FM (TST1867)   | FM 4470 | 3040234             | 02/23/11 | PRI (TST5878)  | FM 4474     | GAF-746-02-06         | 12/14/16 |
| FM (TST1867)   | FM 4474 | 3041746             | 08/17/11 | PRI (TST5878)  | FM 4470     | GAF-755-02-01         | 02/02/17 |
| FM (TST1867)   | FM 4474 | 797-07043-267       | 01/16/12 | PRI (TST5878)  | FM 4474     | GAF-755-02-02         | 02/02/17 |
| FM (TST1867)   | FM 4474 | 3044862             | 05/11/12 | PRI (TST5878)  | FM 4474     | GAF-755-02-03         | 02/02/17 |
| FM (TST1867)   | FM 4474 | 3044914             | 06/18/12 | PRI (TST5878)  | FM 4474     | GAF-755-02-04         | 02/02/17 |
| FM (TST1867)   | FM 4474 | 3045789             | 07/12/12 | PRI (TST5878)  | FM 4474     | GAF-756-02-01         | 02/28/17 |
| FM (TST1867)   | FM 4474 | 3046328             | 09/13/12 | PRI (TST5878)  | FM 4474     | GAF-756-02-02         | 02/28/17 |
| FM (TST1867)   | FM 4474 | 3041769             | 09/27/12 | PRI (TST5878)  | FM 4474     | GAF-782-02-02         | 08/30/17 |
| FM (TST1867)   | FM 4474 | 3046403             | 09/28/12 | PRI (TST5878)  | FM 4474     | GAF-776-02-02         | 10/04/17 |
| FM (TST1867)   | FM 4474 | 797-07886-267       | 11/21/12 | PRI (TST5878)  | Criticality | GAF-793-02-01         | 12/08/17 |
| FM (TST1867)   | FM 4474 | 797-07849-267       | 12/03/12 | PRI (TST5878)  | FM 4474     | GAF-793-02-02         | 12/08/17 |
| FM (TST1867)   | FM 4474 | 3046054             | 12/21/12 | PRI (TST5878)  | FM 4474     | GAF-793-02-04         | 12/08/17 |
| FM (TST1867)   | FM 4474 | 3047606             | 02/26/13 | PRI (TST5878)  | FM 4474     | GAF-834-02-01         | 02/28/18 |
| FM (TST1867)   | FM 4474 | 3048122             | 04/29/13 | PRI (TST5878)  | FM 4474     | GAF-833-02-01         | 03/02/18 |
| FM (TST1867)   | FM 4474 | 797-08217-267       | 05/01/13 | PRI (TST5878)  | FM 4474     | GAF-833-02-02         | 03/02/18 |
| FM (TST1867)   | FM 4474 | 3047237             | 07/15/13 | PRI (TST5878)  | FM 4474     | GAF-902-02-02         | 02/27/19 |
| FM (TST1867)   | FM 4474 | 3047636             | 08/08/13 | PRI (TST5878)  | FM 4474     | GAF-926-02-01         | 07/17/19 |
| FM (TST1867)   | FM 4474 | 797-08873-267       | 11/26/13 | PRI (TST5878)  | FM 4474     | 376T0016              | 08/09/19 |
| FM (TST1867)   | FM 4474 | 3048066             | 12/13/13 | PRI (TST5878)  | Criticality | 376T0006-1            | 09/06/19 |
| FM (TST1867)   | FM 4474 | 797-09116-267       | 01/24/14 | PRI (TST5878)  | Criticality | 376T0006-2            | 09/06/19 |
| FM (TST1867)   | FM 4474 | 797-09495-267       | 05/27/14 | PRI (TST5878)  | Criticality | 376T0006-3            | 09/06/19 |
| FM (TST1867)   | FM 4474 | 797-09594-267       | 06/24/14 | PRI (TST5878)  | FM 4474     | 376T0025              | 09/06/19 |
| FM (TST1867)   | FM 4474 | 797-09892-267       | 08/12/14 | PRI (TST5878)  | FM 4474     | 376T0026              | 09/06/19 |
| FM (TST1867)   | FM 4474 | 3054498             | 11/30/15 | PRI (TST5878)  | FM 4474     | 376T0043              | 12/04/19 |
| FM (TST1867)   | FM 4474 | RR205474            | 08/31/16 | PRI (TST5878)  | FM 4474     | 376T0167              | 06/07/21 |
| FM (TST1867)   | FM 4474 | RR206353            | 09/07/16 | PRI (TST5878)  | Criticality | 376T0168              | 06/07/21 |
| FM (TST1867)   | FM 4474 | 3056728             | 11/09/16 | PRI (TST5878)  | FM 4474     | 376T0183              | 09/13/21 |
| FM (TST1867)   | FM 4474 | 3056822             | 11/14/16 | PRI (TST5878)  | FM 4474     | 376T0186              | 09/13/21 |
| FM (TST1867)   | FM 4474 | 3055491             | 12/05/16 | PRI (TST5878)  | FM 4474     | 410T0026              | 12/15/21 |
| FM (TST1867)   | FM 4474 | 3058483             | 12/09/16 | PRI (TST5878)  | FM 4474     | 376T0313              | 07/19/22 |
| FM (TST1867)   | FM 4474 | RR208456            | 02/13/17 | PRI (TST5878)  | FM 4474     | 376T0314              | 07/19/22 |
| FM (TST1867)   | FM 4474 | RR208456            | 02/13/17 | UL (QUA9625)   | QC          | Service Confirmation  | 07/12/22 |
|                |         |                     |          | UL (QUA9625)   | QC          | Florida BCIS          | Current  |

#### 4. PRODUCT DESCRIPTION:

This PEER covers **GAF EverGuard PVC and PVC/KEE Roof Systems** installed in accordance with **GAF** published installation instructions and the [Limitations of Use herein](#).

| TABLE 1: EVALUATED MEMBRANES        |                                                 |                |                   |      |       |              |
|-------------------------------------|-------------------------------------------------|----------------|-------------------|------|-------|--------------|
| TYPE                                | PRODUCT                                         |                | MATERIAL STANDARD |      |       | PLANT(s)     |
|                                     |                                                 |                | REFERENCE         | TYPE | GRADE |              |
| ROOF COVER OR CAP PLY               | EverGuard® PVC                                  | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | UT           |
|                                     | EverGuard® PVC Smooth                           | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | NJ           |
|                                     | EverGuard® PVC KEE                              | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | UT           |
|                                     | EverGuard® PVC XK                               | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | NJ           |
|                                     | EverGuard® PVC Fleeceback                       | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | UT           |
|                                     | EverGuard® PVC KEE Fleeceback                   | 50, 60, 80-mil | ASTM D4434        | III  | N/A   | UT           |
|                                     | EverGuard® PVC XK Fleeceback                    | 60, 80-mil     | ASTM D4434        | III  | N/A   | NJ           |
| BASE SHEETS                         | GAFLAS® #75 Base Sheet                          |                | ASTM D4601        | II   | N/A   | CA-F, AL, GA |
|                                     | Tri-Ply® #75 Base Sheet                         |                | ASTM D4601        | II   | N/A   | CA-F, AL, GA |
|                                     | GAFLAS® #80 Ultima™ Base Sheet                  |                | ASTM D4601        | II   | N/A   | AL, GA       |
|                                     | GAFLAS® Stratavent® Nailable Venting Base Sheet |                | ASTM D4897        | II   | N/A   | AL, GA       |
| BASE PLY OR VAPOR BARRIER MEMBRANES | GAFLAS® Ply 4                                   |                | ASTM D2178        | IV   | N/A   | CA-F, GA     |
|                                     | GAFLAS® Ply 4 M                                 |                | ASTM D2178        | IV   | N/A   | AL           |
|                                     | GAFLAS® FlexPly™ 6                              |                | ASTM D2178        | VI   | N/A   | GA           |
|                                     | GAFLAS® FlexPly™ 6 M                            |                | ASTM D2178        | VI   | N/A   | AL           |
|                                     | Ruberoi® 20 Smooth                              |                | ASTM D6163        | I    | S     | AR           |
|                                     | Ruberoi® HW 25 Smooth                           |                | ASTM D6163        | I    | S     | GA           |
|                                     | Ruberoi® 30 Granule                             |                | ASTM D6163        | I    | G     | GA           |
|                                     | Ruberoi® HW Smooth                              |                | ASTM D6164        | I    | S     | GA           |
|                                     | Ruberoi® Mop Smooth                             |                | ASTM D6164        | I    | S     | GA           |
|                                     | Ruberoi® Mop Smooth 1.5                         |                | ASTM D6164        | I    | S     | GA           |
|                                     | Liberty™ SBS Self-Adhering Cap Sheet            |                | ASTM D6164        | I    | G     | AR, GA, IN   |
|                                     | Ruberoi® Torch Smooth                           |                | ASTM D6222        | I    | S     | CA-S, GA, IN |
|                                     | Ruberoi® Torch Granule                          |                | ASTM D6222        | I    | G     | CA-S, GA, IN |

#### 5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).
- 5.3 This PEER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This PEER does not include evaluation of fire classification. Refer to **FBC 1505** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.5 This PEER does not include evaluation of roof edge termination. Refer to **FBC 1504.5** for requirements and limitations regarding edge securement for low-slope roofs.
- 5.6 Refer to **FBC 1511** for requirements and limitations regarding recover installations.

- 5.6.1 For mechanically attached components over existing roof decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with [ANSI/SPRI FX-1](#) or [Testing Application Standard TAS 105](#).
- 5.6.2 For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing in accordance with [ANSI/SPRI IA-1](#), [ASTM E907](#), [FM Loss Prevention Data Sheet 1-52](#) or [Testing Application Standard TAS 124](#) shall be conducted on mock-ups of the proposed new roof assembly.
- 5.6.3 For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with [ASTM E907](#), [FM Loss Prevention Data Sheet 1-52](#) or [Testing Application Standard TAS 124](#).
- 5.7 Refer to Appendix 1 for system attachment requirements for wind load resistance.
- 5.7.1 “MDP” = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per **FBC 1504.9** has already been applied). Refer to **FBC 1609** for determination of design wind loads.
- 5.7.2 For mechanically attached components or partially-bonded insulation, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with **FBC Chapter 16**. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are [ANSI/SPRI WD1](#), [FM Loss Prevention Data Sheet 1-29](#), [Roofing Application Standard RAS 117](#) or [RAS 137](#). Assemblies marked with an asterisk\* carry the limitations set forth in [Section 2.2.10.1 of FM Loss Prevention Data Sheet 1-29 \(February 2020\)](#) for Zone 2/3 enhancements.
- 5.7.3 For assemblies with all components fully bonded in place, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with **FBC Chapter 16**. No rational analysis is permitted for these systems.
- 5.8 All components in the roof assembly shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3**. Refer to the Product Approval of the component manufacturer for components listed in Appendix 1 that are produced by a Product Manufacturer other than the report holder on [Page 1](#) of this PEER.

## 6. INSTALLATION:

**GAF EverGuard PVC and PVC/KEE Roof Systems** shall be installed in accordance with **GAF** published installation instructions, subject to the [Limitations of Use](#) noted herein.

## 7. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

## 8. MANUFACTURING PLANTS:

Contact the named QA entity for manufacturing facilities covered by **F.A.C. Rule 61G20-3** QA requirements. Refer to [Section 4](#) herein for products and production locations having met codified material standards.

## 9. QUALITY ASSURANCE ENTITY:

[UL, LLC – QUA9625](#); (360) 817-5512; [bsai.inspections@ul.com](mailto:bsai.inspections@ul.com)

**- THE 181-PAGES THAT FOLLOW FORM PART OF THIS PEER -**



**APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE**

| TABLE              | DECK                           | APPLICATION                       | TYPE | DESCRIPTION                                                                                                     | PAGE |
|--------------------|--------------------------------|-----------------------------------|------|-----------------------------------------------------------------------------------------------------------------|------|
| <a href="#">1A</a> | Wood                           | New or Reroof (Tear-Off)          | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 7    |
| <a href="#">1B</a> | Wood                           | New, Reroof (Tear-Off) or Recover | B-1  | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover                                 | 8    |
| <a href="#">1C</a> | Wood                           | New, Reroof (Tear-Off) or Recover | C-1  | Mechanically Attached Insulation, Bonded Roof Cover                                                             | 8    |
| <a href="#">1D</a> | Wood                           | New, Reroof (Tear-Off) or Recover | C-2  | Induction Welded Roof Cover                                                                                     | 9    |
| <a href="#">1E</a> | Wood                           | New, Reroof (Tear-Off) or Recover | D-1  | Mechanically Attached Roof Cover                                                                                | 10   |
| <a href="#">1F</a> | Wood                           | New, Reroof (Tear-Off) or Recover | E-1  | Non-Insulated, Mechanically Attached Roof Cover                                                                 | 10   |
| <a href="#">1G</a> | Wood                           | New or Reroof (Tear Off)          | E-2  | Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover                                              | 10   |
| <a href="#">2A</a> | Steel                          | New or Reroof (Tear-Off)          | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 12   |
| <a href="#">2B</a> | Steel or Structural Concrete   | New, Reroof (Tear-Off) or Recover | B-1  | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover                                 | 35   |
| <a href="#">2C</a> | Steel or Structural Concrete   | New, Reroof (Tear-Off) or Recover | B-1  | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Base Ply, Bonded Cap Ply                   | 35   |
| <a href="#">2D</a> | Steel                          | New, Reroof (Tear-Off) or Recover | B-2  | Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Roof Cover               | 40   |
| <a href="#">2E</a> | Steel                          | New, Reroof (Tear-Off) or Recover | B-2  | Mechanically Attached Thermal Barrier, Bonded Vapor Barrier, Bonded Insulation, Bonded Base Ply, Bonded Cap Ply | 51   |
| <a href="#">2F</a> | Steel or Structural Concrete   | New, Reroof (Tear-Off) or Recover | C-1  | Mechanically Attached Insulation, Bonded Roof Cover                                                             | 53   |
| <a href="#">2G</a> | Steel or Structural Concrete   | New, Reroof (Tear-Off) or Recover | C-1  | Mechanically Attached Insulation, Bonded Base Ply, Bonded Cap Ply                                               | 81   |
| <a href="#">2H</a> | Steel or Structural Concrete   | New, Reroof (Tear-Off) or Recover | C-1A | Thermal Barrier with Vapor Barrier, Mechanically Attached Insulation, Bonded Roof Cover                         | 85   |
| <a href="#">2I</a> | Steel or Structural Concrete   | New, Reroof (Tear-Off) or Recover | C-2  | Induction Welded Roof Cover                                                                                     | 90   |
| <a href="#">2J</a> | Steel                          | New, Reroof (Tear-Off) or Recover | D-1  | Mechanically Attached Roof Cover                                                                                | 92   |
| <a href="#">3A</a> | Structural concrete            | New or Reroof (Tear-Off)          | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 94   |
| <a href="#">3B</a> | Structural concrete            | New or Reroof (Tear-Off)          | A-1  | Bonded Insulation, Bonded Base Ply, Bonded Cap Ply                                                              | 119  |
| <a href="#">3C</a> | Structural concrete            | New or Reroof (Tear-Off)          | F    | Non-Insulated, Bonded Roof Cover                                                                                | 124  |
| <a href="#">4A</a> | Deck with Lightweight Concrete | New or Reroof (Tear Off)          | E-2  | Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover                                              | 125  |
| <a href="#">4B</a> | Deck with Lightweight Concrete | New or Reroof (Tear-Off)          | F    | Non-Insulated, Bonded Roof Cover                                                                                | 126  |
| <a href="#">4C</a> | Deck with Lightweight Concrete | New or Reroof (Tear-Off)          | F    | Non-Insulated, Bonded Roof Cover                                                                                | 128  |
| <a href="#">5A</a> | Cementitious wood fiber        | Reroof (Tear-Off)                 | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 131  |
| <a href="#">5B</a> | Cementitious wood fiber        | New or Reroof (Tear-Off)          | F    | Non-Insulated, Bonded Roof Cover                                                                                | 132  |
| <a href="#">6A</a> | Existing gypsum                | Reroof (Tear-Off)                 | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 133  |
| <a href="#">6B</a> | Existing gypsum                | Reroof (Tear-Off)                 | B-1  | Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover                                 | 134  |
| <a href="#">6C</a> | Existing gypsum                | Reroof (Tear-Off)                 | C-1  | Mechanically Attached Insulation, Bonded Roof Cover                                                             | 140  |
| <a href="#">6D</a> | Existing gypsum                | Reroof (Tear-Off)                 | F    | Non-Insulated, Bonded Roof Cover                                                                                | 142  |
| <a href="#">7A</a> | Various                        | Recover                           | A-1  | Bonded Insulation, Bonded Roof Cover                                                                            | 143  |
| <a href="#">7B</a> | Steel                          | Recover                           | C-2  | Induction Welded Roof Cover                                                                                     | 180  |
| <a href="#">7C</a> | Steel                          | Recover                           | D-1  | Insulated, Mechanically Attached Roof Cover                                                                     | 180  |
| <a href="#">7D</a> | Concrete                       | Recover                           | F    | Non-Insulated, Bonded Roof Cover                                                                                | 181  |

**The following notes apply to the systems outlined herein:**

- 1 The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- 2 Unless otherwise noted, fasteners and stress plates shall be as follows. Fasteners shall be of sufficient length for the following engagements:

| FASTENER/PLATE OPTIONS |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                    |
|------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| DECK TYPE              | BY    | PARTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MINIMUM ENGAGEMENT                                                                                                                                 |
| Wood                   | GAF   | Drill-Tec #12 Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 Fastener or Drill-Tec #14 HD Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3" Steel Plate or Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate (insulation only), Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate; Drill-Tec ASAP 3S; Drill-Tec Heavy Duty ASAP Roofing Fastener Assembled with a 3" Metal Plate; Drill-Tec 3" ASAP Flat or Drill-Tec 3" ASAP Recessed                                                                                                                        | Minimum ¾-inch plywood penetration or minimum 1-inch wood plank embedment                                                                          |
| Steel                  | GAF   | Drill-Tec #12 Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener, Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3" Steel Plate or Drill-Tec AccuTrac Flat Plate or Drill-Tec AccuTrac Recessed Plate (insulation only), Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate; Drill-Tec ASAP 3S; Drill-Tec Heavy Duty ASAP Roofing Fastener Assembled with a 3" Metal Plate; Drill-Tec Extra Heavy Duty ASAP Roofing Fastener – Insulation; ; Drill-Tec 3" ASAP Flat or Drill-Tec 3" ASAP Recessed | Minimum ¾-inch steel penetration and engage the top flute of the steel deck                                                                        |
|                        | Note: | Unless otherwise noted, Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #12 Fastener or Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board to steel deck, up to a maximum allowable design pressure (MDP) of -120.0 psf.                                                                                                                                                                                          |                                                                                                                                                    |
|                        | Note: | Unless otherwise noted, Drill Tec #12 DF Fastener or Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #12 Fastener or Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure min. 0.5-inch thick Structodek High Density Fiberboard Roof Insulation, EnergyGuard HD Polyiso Insulation or EnergyGuard HD Plus Polyiso Insulation, 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 1.5-inch EnergyGuard POLYISO INSULATION or EnergyGuard Ultra Polyiso Insulation to steel deck.                                                    |                                                                                                                                                    |
| Structural Concrete    | GAF   | Drill-Tec #14 Fastener, Drill-Tec #14 HD Fastener or Drill-Tec CD-10 with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3" Steel Plate or Drill-Tec AccuTrac Flat Plate or Drill-Tec AccuTrac Recessed Plate (insulation only), Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate; Drill-Tec Heavy Duty ASAP Roofing Fastener Assembled with a 3" Metal Plate or Drill-Tec 3" ASAP Flat (#14 only)                                                                                                                                                                                                                        | Minimum 1-inch embedment. Fasteners installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions |
|                        | Note: | Unless otherwise noted, Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board to structural concrete deck, up to a maximum allowable design pressure (MDP) of -120.0 psf.                                                                                                                                                                                                                                   |                                                                                                                                                    |
|                        | Note: | Unless otherwise noted, Drill Tec #14 DF Fastener with Drill Tec 3" DF Steel Insulation Plate may be used in place of Drill-Tec #14 Fastener with Drill-Tec 3" Standard Steel Plate when used to secure min. 0.5-inch thick Structodek High Density Fiberboard Roof Insulation, EnergyGuard HD Polyiso Insulation or EnergyGuard HD Plus Polyiso Insulation, 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 1.5-inch EnergyGuard POLYISO INSULATION or EnergyGuard Ultra Polyiso Insulation to structural concrete deck.                                                                                             |                                                                                                                                                    |

- 3 Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC 1505 and, for foam plastic, FBC Chapter 26, when installed with the roof cover.
- 4 Minimum 200 psi, minimum 2-inch thick FBC Approved lightweight insulating concrete may be substituted for, or installed below, rigid insulation board for System Types B-1, C-1, C-2, D-1 or D-2, whereby fasteners are installed through the lightweight insulating concrete to engage the structural deck. The structural deck shall be of equal or greater type, thickness and strength to the steel and structural concrete deck listings. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction. This is a wind uplift resistance allowance and does not purport to address non-wind-uplift-related issues, such as deck venting or moisture levels within the LWIC and the potential effect on overlying components.
- 5 Preliminary insulation attachment: Unless otherwise noted, use FBC Approved roofing fasteners and plates and refer to Section 2.2.10.1.3 of [FM Loss Prevention Data Sheet 1-29](#).

- 6 Unless otherwise noted, insulation adhesive application rates are as follows.  
 Ribbon or bead width is at the time of application; the ribbons/beads shall expand as noted in the manufacturer's published instructions.  
 If applying hot asphalt to concrete deck, deck shall be primed with ASTM D41 primer.

When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, board joints shall be staggered.

The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing.

| INSULATION ADHESIVE REFERENCES |                               |                  |        |                                                                                  |
|--------------------------------|-------------------------------|------------------|--------|----------------------------------------------------------------------------------|
| By                             | ADHESIVE                      | REFERENCE        | FBC    | MINIMUM RATE                                                                     |
| GAF                            | GAF LRF Adhesive M            | 'LRF-M'          | N/A    | Continuous 0.75 to 1-inch ribbons, 12-inch o.c.                                  |
|                                | GAF LRF Adhesive M Canister   | 'LRF-M Canister' | N/A    | Continuous 1 to 1.5-inch ribbons, 12-inch o.c.                                   |
|                                | GAF LRF Adhesive XF           | 'LRF-XF'         | N/A    | Continuous 0.75 to 1-inch ribbons, 12-inch o.c.                                  |
| OMG, Inc.                      | OlyBond 500 Adhesive Fastener | 'OB500'          | FL1608 | Continuous 0.75-inch wide ribbons, 12-inch o.c. (PaceCart, SpotShot or Canister) |
| Generic, ASTM D312, Type IV    | hot asphalt                   | N/A              | N/A    | Full coverage at 25-30 lbs/square                                                |

- 7 Unless otherwise noted, all insulations are flat-stock or taper board of the minimum thickness noted. Tapered polyisocyanurate at the following thickness limitations may be substituted with the following Maximum Design Pressure (MDP) limitations. In no case shall these values be used to 'increase' the MDP listings in the tables; rather if MDP listing below meets or exceeds that listed for a particular system in the tables, then the thinner board listed below may be used as a drop-in for the equivalent thicker material listed in the table.

| MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS |                                                                      |                 |                             |           |
|----------------------------------------------------------|----------------------------------------------------------------------|-----------------|-----------------------------|-----------|
| ADHESIVE                                                 | INSULATION                                                           |                 | MIN. TAPERED THICKNESS (IN) | MDP (psf) |
|                                                          | LISTED PRODUCT                                                       | FBC FILE OR NOA |                             |           |
| LRF-M                                                    | EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | FL16311         | 0.5                         | -232.5    |
| LRF-XF                                                   | EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | FL16311         | 0.5                         | -292.5    |
| LRF-XF                                                   | EnergyGuard RA                                                       | 23-0130.03      | 0.5                         | -487.5    |
| OB500                                                    | EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | FL16311         | 0.5                         | -292.5    |
| OB500                                                    | EnergyGuard RH                                                       | 19-1017.09      | 0.5                         | -315.0    |
| OB500                                                    | EnergyGuard RN                                                       | 18-1126.10      | 0.5                         | -315.0    |
| OB500                                                    | EnergyGuard RA                                                       | 23-0130.03      | 0.5                         | -487.5    |
| Hot asphalt                                              | Any EnergyGuard polyisocyanurate listed with adhesive herein         | Various         | 0.5                         | -240.0    |

- 8 For adhered roof insulation and board-size: Unless otherwise noted, refer to Section 2.2.10.6.2 of [FM Loss Prevention Data Sheet](#) 1-29.
- 9 For mechanically attached components or partially-bonded insulation, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC Chapter 16. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are [ANSI/SPRI](#) WD1, [FM Loss Prevention Data Sheet](#) 1-29, [Roofing Application Standard](#) RAS 117 and RAS 137. Assemblies marked with an asterisk\* carry the limitations set forth in Section 2.2.10.1 of [FM Loss Prevention Data Sheet](#) 1-29 for Zone 2/3 enhancements.
- 10 For assemblies with all components fully bonded, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with FBC Chapter 16. No rational analysis is permitted for these systems.
- 11 For mechanically attached components over existing decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing and analysis shall be in accordance with [ANSI/SPRI](#) FX-1 or [Testing Application Standard](#) TAS 105.
- 12 For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing shall be conducted on mock-ups of the proposed new roof assembly. For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing. Field uplift testing shall be in accordance with ASTM E907, [FM Loss Prevention Data Sheet](#) 1-52 or [Testing Application Standard](#) TAS 124.

- 13 Refer to FBC 1511 for requirements and limitations regarding recover installations. For Structural Concrete Deck or Recover Applications using System Type C-1 the base insulation layer is optional and for System Type C-2, D-1 or D-2, the insulation is optional. Alternatively, an FBC Approved insulation board or coverboard may be used as a separation layer. Board products shall be preliminarily attached prior to roof cover installation ([Note 5](#)). The separator component shall be documented as meeting FBC 1505 and, for foam plastic, FBC Chapter 26, when installed with the roof cover in Recover applications.
- 14 Lightweight insulating concrete (LWIC) shall be cast in accordance with FBC Section 1917 to the satisfaction of the Authority Having Jurisdiction. For systems where specific LWIC is referenced, refer to current LWIC Product Approval for specific deck construction and limitations. Unless otherwise noted, for systems where specific LWIC is not referenced, the minimum design mix shall be 300 psi. In all cases, the minimum top-coat thickness is 2-inches. For LWIC over structural concrete, reference is made to FBC Section 1917.4.1, Point 1. For “pre-existent” LWIC references, listings were established through testing over lightweight concrete cast using only foaming agent (ASTM C896), water and Portland cement (ASTM C150), with no proprietary additives, in accordance with procedures adopted by Miami-Dade BCCO (FBC CER1592). Use of these listings in new construction or re-roof (tear-off) applications is at the discretion of the Designer or Record and Authority Having Jurisdiction.
- 15 For bonded membrane applications, unless otherwise noted, refer to the following.

| MEMBRANE / ADHESIVE COMBINATIONS |                                                                                                 |                                          |                      |                                                                                                                                                                                                                                |
|----------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE                        | MEMBRANE                                                                                        | ADHESIVE                                 | APPLICATION          | RATE                                                                                                                                                                                                                           |
| PVC1-BA                          | EverGuard PVC Smooth or EverGuard PVC XK                                                        | EverGuard #2331 Bonding Adhesive (#2331) | Contact (both sides) | 1.67 to 1.80 gal/square (½ applied to substrate and ½ applied to membrane)                                                                                                                                                     |
| PVC2-BA                          | EverGuard PVC or EverGuard PVC KEE                                                              |                                          |                      |                                                                                                                                                                                                                                |
| PVC2-QL                          | EverGuard PVC                                                                                   | EverGuard PVC Quick Lay Adhesive         | Wet lay (substrate)  | 1 gal/square                                                                                                                                                                                                                   |
| PVC1-QS                          | EverGuard PVC XK                                                                                | PVC Quick Spray Adhesive                 | Contact (both sides) | 3.0 lbs/square to both the substrate and to the membrane underside, and immediately rolled in. (6.0 lbs/square total rate)                                                                                                     |
| PVC2-QS                          | EverGuard PVC                                                                                   |                                          |                      |                                                                                                                                                                                                                                |
| PVCX-HA                          | EverGuard PVC XK Fleeceback                                                                     | hot asphalt                              | Wet lay (substrate)  | 25 lbs/square                                                                                                                                                                                                                  |
| PVCF-HA                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        |                                          |                      |                                                                                                                                                                                                                                |
| PVCX-WB                          | EverGuard PVC XK Fleeceback                                                                     | EverGuard WB181 Bonding Adhesive (WB181) | Wet lay (substrate)  | 0.83 to 1.0 gal/square                                                                                                                                                                                                         |
| PVCF-WB                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        |                                          |                      |                                                                                                                                                                                                                                |
| PVCX-LM                          | EverGuard PVC XK Fleeceback                                                                     | GAF LRF Adhesive M (LRF-M)               | Wet lay (substrate)  | 1-inch wide ribbons spaced as noted in tables herein. Note: The adhesive ribbons are located directly over the adhesive ribbons used to secure the insulation when the cover is bonded to insulation less than 1.5-inch thick. |
| PVCF-LM                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        |                                          |                      |                                                                                                                                                                                                                                |
| PVCX-LO                          | EverGuard PVC XK Fleeceback                                                                     | GAF LRF Adhesive O (LRF-O)               | Wet lay (substrate)  | 1-inch wide ribbons spaced as noted in tables herein. Note: The adhesive ribbons are located directly over the adhesive ribbons used to secure the insulation when the cover is bonded to insulation less than 1.5-inch thick. |
| PVCF-LO                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        |                                          |                      |                                                                                                                                                                                                                                |
| PVCF-XF                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        | GAF LRF Adhesive XF (LRF-XF)             | Wet lay (substrate)  | “Spatter pattern” at 3.0 lbs/sq.                                                                                                                                                                                               |
| PVCX-OB                          | EverGuard PVC XK Fleeceback                                                                     | OlyBond 500 Canister                     | Wet lay (substrate)  | “Spatter pattern” at 0.32 gal/square (to insulation, coverboard or Tectum)<br>“Spatter pattern” at 0.83 gal/square (to asphaltic base ply membrane).                                                                           |
| PVCF-OB                          | EverGuard PVC Fleeceback or EverGuard PVC KEE Fleeceback                                        |                                          |                      |                                                                                                                                                                                                                                |
| BP-AA                            | One or two plies, GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet | Hot asphalt                              |                      | 25 lbs/square                                                                                                                                                                                                                  |
| SBS-AA                           | One or two plies, Ruberoid 20 Smooth, Ruberoid Mop Smooth or Ruberoid Mop Smooth 1.5            | Hot asphalt                              |                      | 25 lbs/square                                                                                                                                                                                                                  |
| SBS-SA                           | LIBERTY SBS Self-Adhering Cap Sheet                                                             | Self-adhering                            |                      | Full bond                                                                                                                                                                                                                      |
| SBS-TA                           | One or two plies, Ruberoid HW 25 Smooth, Ruberoid HW Smooth                                     | Torch-applied                            |                      | Full bond                                                                                                                                                                                                                      |

- 15A For single-ply membranes in System Type D-1 steel deck applications, the roof membrane shall be run with its length perpendicular to the steel deck flutes.
- 15B For System Type C-2 (induction weld), care shall be taken to ensure that the plates do not line-up with membrane seams. This condition may preclude proper induction welding of the membrane to the plates.

- 16 **Thermal Barrier and/or Vapor Barrier Options:**  
 16A **Structural Concrete Decks:** The lesser of the MDP listings below vs. that for the selected assembly applies.

| STRUCTURAL CONCRETE DECK: VAPOR BARRIER FOLLOWED BY ADHESIVE-APPLIED INSULATION |                                                                                              |                                                                                                                               |                                                    |                                        |           |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------|-----------|
| OPTION #                                                                        | PRIMER                                                                                       | VAPOR BARRIER (NOTE 15)                                                                                                       |                                                    | INSULATION ADHESIVE PER TABLE 3A OR 3B | MDP (PSF) |
|                                                                                 |                                                                                              | TYPE                                                                                                                          | APPLICATION                                        |                                        |           |
| C-VB-1.                                                                         | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | Ruberoid Torch Granule                                                                                                        | Torch-applied                                      | Hot asphalt                            | -225.0    |
| C-VB-2.                                                                         | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | BP-AA                                                                                                                         | Hot asphalt applied                                | Hot asphalt                            | -360.0    |
| C-VB-3.                                                                         | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | One or two plies, GAFGLAS Ply 4, GAFGLAS Ply 4 M, Tri-Ply Ply 4 Ply Sheet, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M or SBS-AA | Hot asphalt applied                                | Hot asphalt                            | -495.0    |
| C-VB-4.                                                                         | None                                                                                         | GAF SA Vapor Retarder XL                                                                                                      | Self-adhering                                      | LRF-M, 12-inch o.c.                    | -112.5    |
| C-VB-5.                                                                         | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | SBS-TA                                                                                                                        | Torch-applied                                      | LRF-M, 12-inch o.c.                    | -180.0    |
| C-VB-6.                                                                         | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 | GAF SA Vapor Retarder                                                                                                         | Self-adhering                                      | LRF-M, 12-inch o.c.                    | -202.5    |
| C-VB-7.                                                                         | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | BP-AA or one or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS Flex Ply 6 M or SBS-AA                 | Hot asphalt applied                                | LRF-M, 12-inch o.c.                    | -495.0    |
| C-VB-8.                                                                         | None                                                                                         | GAF SA Vapor Retarder XL                                                                                                      | Self-adhering                                      | LRF-XF 12-inch o.c.                    | -112.5    |
| C-VB-9.                                                                         | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | Ruberoid Torch Granule                                                                                                        | Torch-applied                                      | LRF-XF, 12-inch o.c.                   | -169.0    |
| C-VB-10.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | SBS-TA                                                                                                                        | Torch-applied                                      | LRF-XF, 12-inch o.c.                   | -180.0    |
| C-VB-11.                                                                        | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 | GAF SA Vapor Retarder                                                                                                         | Self-adhering                                      | LRF-XF, 12-inch o.c.                   | -202.5    |
| C-VB-12.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | SBS-SA                                                                                                                        | Self-adhering                                      | LRF-XF, 12-inch o.c.                   | -250.0    |
| C-VB-13.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | BP-AA or one or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS Flex Ply 6 M or SBS-AA                 | Hot asphalt applied                                | LRF-XF, 12-inch o.c.                   | -262.5    |
| C-VB-14.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | Ruberoid 30                                                                                                                   | Hot asphalt applied                                | LRF-XF, 12-inch o.c.                   | -270.0    |
| C-VB-15.                                                                        | None                                                                                         | GAF SA Vapor Retarder XL                                                                                                      | Self-adhering                                      | OlyBond 500, 12-inch o.c.              | -127.5    |
| C-VB-16.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | Ruberoid Torch Smooth                                                                                                         | Torch-applied                                      | OB500, 12-inch o.c.                    | -165.0    |
| C-VB-17.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | Ruberoid HW 25 Smooth                                                                                                         | Torch-applied                                      | OB500, 12-inch o.c.                    | -180.0    |
| C-VB-18.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | SBS-SA                                                                                                                        | Self-adhering                                      | OB500, 12-inch o.c.                    | -187.5    |
| C-VB-19.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | Ruberoid 20 Smooth                                                                                                            | Matrix 102 SBS Membrane Adhesive at 1.5 gal/square | OB500, 12-inch o.c.                    | -202.5    |
| C-VB-20.                                                                        | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 | GAF SA Vapor Retarder                                                                                                         | Self-adhering                                      | OB500, 12-inch o.c.                    | -202.5    |
| C-VB-21.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | Ruberoid Torch Granule                                                                                                        | Torch-applied                                      | OB500, 12-inch o.c.                    | -225.0    |
| C-VB-22.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | Ruberoid HW Smooth                                                                                                            | Torch-applied                                      | OB500, 12-inch o.c.                    | -232.5    |
| C-VB-23.                                                                        | Matrix 307 Premium Asphalt Primer or ASTM D41 primer                                         | BP-AA or one or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS Flex Ply 6 M or SBS-AA                 | Hot asphalt applied                                | OB500, 12-inch o.c.                    | -352.5    |

16B Decks followed by Vapor Barrier followed by Lightweight Concrete (LWC): The lesser of the MDP listings below vs. that for the selected assembly from the Lightweight Concrete tables applies:

| DECK FOLLOWED BY VAPOR BARRIER FOLLOWED BY CELLULAR LIGHTWEIGHT INSULATING CONCRETE |                                                      |                                                                                                                                                                                                |               |                                                      |              |
|-------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------|--------------|
| OPTION #                                                                            | PRIMER                                               | VAPOR BARRIER                                                                                                                                                                                  |               | LIGHTWEIGHT CONCRETE PER<br>TABLE 4A OR 4C (NOTE 14) | MDP<br>(PSF) |
|                                                                                     |                                                      | TYPE                                                                                                                                                                                           | ATTACH        |                                                      |              |
| LWC-VB-1.                                                                           | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Base Ply (Optional): One or two plies Ruberoid HW 25 Smooth, Ruberoid HW Smooth<br>Cap Ply: Ruberoid HW Granule, Ruberoid HW Granule FR, Ruberoid HW Plus Granule, Ruberoid HW Plus Granule FR | Torch-applied | Min. 200 psi Mearlcrete (FL13492)                    | -82.5        |
| LWC-VB-2.                                                                           | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Base Ply (Optional): One or two plies Ruberoid HW 25 Smooth, Ruberoid HW Smooth<br>Cap Ply: Ruberoid HW Granule, Ruberoid HW Granule FR, Ruberoid HW Plus Granule, Ruberoid HW Plus Granule FR | Torch-applied | Min. 300 psi Celcore Cellular Concrete (FL2037)      | -135.0       |
| LWC-VB-3.                                                                           | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Base Ply (Optional): One or two plies Ruberoid HW 25 Smooth, Ruberoid HW Smooth<br>Cap Ply: Ruberoid HW Granule, Ruberoid HW Granule FR, Ruberoid HW Plus Granule, Ruberoid HW Plus Granule FR | Torch-applied | Min. 300 psi Elastzell (NOA 18-0208.03)              | -302.5       |
| LWC-VB-4.                                                                           | Matrix 307 Premium Asphalt Primer or ASTM D41 primer | Ruberoid HW 25 Smooth, Ruberoid HW Smooth                                                                                                                                                      | Torch-applied | Min. 540 psi pre-existent cellular LWC               | -358.0       |

- 17 Fire barriers of GAF FireOut™ Fire Barrier Coating or VersaShield Solo™ Fire-Resistant Slip Sheet are optional in all assemblies when overlying components are mechanically fastened.
- 18 For System Types B-1, B-2, C-1, C-2, D-1 or D-2, GAF SA Vapor Retarder or GAF SA Vapor Retarder XL may be installed atop the roof deck, or to a loose-laid thermal barrier of DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, prior to installation of the insulation and roof cover. When adhering GAF SA Vapor Retarder to structural concrete, the substrate shall be primed with GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50. When adhering GAF SA Vapor Retarder to DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board, the substrate shall be primed with GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer. Refer to [FM Loss Prevention Data Sheet 1-29](#) for design and installation limitations.
- 19 The following products are interchangeable within the scope of this PEER:

| ACCEPTABLE ALTERNATES |                             |                 |                                         |                                                                                   |
|-----------------------|-----------------------------|-----------------|-----------------------------------------|-----------------------------------------------------------------------------------|
| SUB-CATEGORY          | MANUFACTURER                | FBC FILE OR NOA | LISTED PRODUCT HEREIN                   | ALTERNATE                                                                         |
| ROOFING INSULATION    | GAF                         | FL16311         | EnergyGuard Polyiso Insulation          | EnergyGuard NH Polyiso Insulation                                                 |
|                       |                             |                 | EnergyGuard Ultra Polyiso Insulation    | EnergyGuard NH Ultra Polyiso Insulation                                           |
|                       |                             |                 | EnergyGuard HD Polyiso Cover Board      | EnergyGuard HD Barrier Polyiso Cover Board, EnergyGuard NH HD Polyiso Cover Board |
|                       |                             |                 | EnergyGuard HD Plus Polyiso Cover Board | EnergyGuard NH HD Plus Polyiso Cover Board                                        |
|                       | Georgia-Pacific Gypsum, LLC | FL1250          | DensDeck Prime                          | DensDeck StormX Prime Roof Board                                                  |
| VAPOR BARRIER         | GAF                         | N/A             | GAF SA Vapor Retarder XL                | GAF SA Vapor Retarder XL40                                                        |

- 20 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to FBC 1609 for determination of design wind loads. [\(Notes 9 and 10\)](#)



**TABLE 1A: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                              |                                        | Top Insulation Layer                                          |                                        | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|------------------------------------|------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------|----------------------------------------|----------------------------------------|--------------|
|            |                                    | Type                                                                               | Attach ( <a href="#">Notes 6,7,8</a> ) | Type                                                          | Attach ( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| W-1.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                  | (Optional) Additional layers base insulation, flat or tapered | OB500                                  | PVC1-BA                                | -67.5        |
| W-2.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                  | (Optional) Additional layers base insulation, flat or tapered | OB500                                  | PVC2-BA                                | -67.5        |
| W-3.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                  | (Optional) Additional layers base insulation, flat or tapered | OB500                                  | PVC2-QL                                | -67.5        |
| W-4.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                  | (Optional) Additional layers base insulation, flat or tapered | OB500                                  | PVC1-QS or PVC2-QS                     | -67.5        |
| W-5.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                  | (Optional) Additional layers base insulation, flat or tapered | OB500                                  | PVCF-WB                                | -67.5        |
| W-6.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                  | (Optional) Additional layers base insulation, flat or tapered | OB500                                  | PVCF-XF or PVCF-OB                     | -67.5        |
| W-7.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                     | (Optional) Additional layers base insulation, flat or tapered | OB500, 6-inch o.c.                     | PVC1-BA                                | -75.0        |
| W-8.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                     | (Optional) Additional layers base insulation, flat or tapered | OB500, 6-inch o.c.                     | PVC2-BA                                | -75.0        |
| W-9.       | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                     | (Optional) Additional layers base insulation, flat or tapered | OB500, 6-inch o.c.                     | PVC2-QL                                | -75.0        |
| W-10.      | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                     | (Optional) Additional layers base insulation, flat or tapered | OB500, 6-inch o.c.                     | PVC1-QS or PVC2-QS                     | -75.0        |
| W-11.      | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                     | (Optional) Additional layers base insulation, flat or tapered | OB500, 6-inch o.c.                     | PVCF-WB                                | -75.0        |
| W-12.      | Min. 15/32-inch plywood; 2 ft span | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500, 6-inch o.c.                     | (Optional) Additional layers base insulation, flat or tapered | OB500, 6-inch o.c.                     | PVCF-XF or PVCF-OB                     | -75.0        |

**TABLE 1B: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                             | Deck<br><a href="#">(Note 1)</a>                        | Base Insulation Layer                                     |                                     |               | Top Insulation Layer                            |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|--------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|-------------------------------------|---------------|-------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|                                                        |                                                         | Type                                                      | Fasten<br><a href="#">(Note 11)</a> | Attach        | Type                                            | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                                         |                                                           |                                     |               |                                                 |                                         |                                      |                              |
| W-13.                                                  | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH | Note 2 (#14 Fastener only)          | 1 per 2.0 ft² | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                  | PVC1-BA                              | -52.5                        |
| EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:   |                                                         |                                                           |                                     |               |                                                 |                                         |                                      |                              |
| W-14.                                                  | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH | Note 2 (#14 Fastener only)          | 1 per 2.0 ft² | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                  | PVCX-OB                              | -52.5                        |

**TABLE 1C: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                           | Deck <a href="#">(Note 1)</a>                           | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                                                                                                                             |                                  |               | Roof Cover <a href="#">(Note 15)</a> |         | <a href="#">MDP</a><br><a href="#">(psf)</a> |
|------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|--------------------------------------|---------|----------------------------------------------|
|                                                      |                                                         |                                                 | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a> | Attach        | Base Ply                             | Cap Ply |                                              |
| BAREBACK APPLICATIONS:                               |                                                         |                                                 |                                                                                                                                                                  |                                  |               |                                      |         |                                              |
| W-15.                                                | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                           | 1 per 1.8 ft² | None                                 | PVC1-BA | -52.5                                        |
| W-16.                                                | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                           | 1 per 1.8 ft² | None                                 | PVC1-BA | -52.5                                        |
| W-17.                                                | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                           | 1 per 1.8 ft² | None                                 | PVC1-BA | -60.0                                        |
| W-18.                                                | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                           | 1 per 1.6 ft² | None                                 | PVC1-BA | -60.0                                        |
| EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS: |                                                         |                                                 |                                                                                                                                                                  |                                  |               |                                      |         |                                              |
| W-19.                                                | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                           | 1 per 1.8 ft² | None                                 | PVCX-OB | -52.5                                        |
| W-20.                                                | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                           | 1 per 1.8 ft² | None                                 | PVCX-OB | -52.5                                        |
| W-21.                                                | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                           | 1 per 1.8 ft² | None                                 | PVCX-OB | -60.0                                        |

**TABLE 1C: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                    | Deck <a href="#">(Note 1)</a>                           | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                                                                                                                             |                                  |                           | Roof Cover <a href="#">(Note 15)</a> |                                                                             | MDP <a href="#">(psf)</a> |
|-------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------|--------------------------------------|-----------------------------------------------------------------------------|---------------------------|
|                                                                               |                                                         |                                                 | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a> | Attach                    | Base Ply                             | Cap Ply                                                                     |                           |
| W-22.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                           | 1 per 1.6 ft <sup>2</sup> | None                                 | PVCX-OB                                                                     | -60.0                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                                                         |                                                 |                                                                                                                                                                  |                                  |                           |                                      |                                                                             |                           |
| W-23.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                           | 1 per 1.8 ft <sup>2</sup> | None                                 | PVCF-XF or PVCF-OB                                                          | -52.5                     |
| W-24.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                           | 1 per 1.8 ft <sup>2</sup> | None                                 | PVCF-XF or PVCF-OB                                                          | -52.5                     |
| W-25.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                           | 1 per 1.8 ft <sup>2</sup> | None                                 | PVCF-XF or PVCF-OB                                                          | -60.0                     |
| W-26.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                           | 1 per 1.6 ft <sup>2</sup> | None                                 | PVCF-XF or PVCF-OB                                                          | -60.0                     |
| W-27.                                                                         | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                           | 1 per 1.8 ft <sup>2</sup> | SBS-AA, SBS-SA or SBS-TA             | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                     |

**TABLE 1D: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

| System No.                                | Deck<br>(Note 1)                                                                        | Insulation Layer<br>(Note 13)                                                              | Attachment                                                                                                                                           |                                                                                                                                                                                                          | Roof Cover (Note 15B)                                                                                                                      | MDP<br>(psf) |
|-------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|                                           |                                                                                         |                                                                                            | Fastener (Note 11)                                                                                                                                   | Density                                                                                                                                                                                                  |                                                                                                                                            |              |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK: |                                                                                         |                                                                                            |                                                                                                                                                      |                                                                                                                                                                                                          |                                                                                                                                            |              |
| W-28.                                     | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span                                 | One or more layers, any combination (Tread Safe = min. 2-inch)                             | Drill-Tec #14 Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                         | 1 per 2.7 ft <sup>2</sup><br>(12 parts per 4 x 8 ft board)<br><small>Fasteners are 6-, 24- and 42-inches from the board's long edge and 12-, 36-, 60- and 84-inches from the board's short edge.</small> | EverGuard PVC XK or EverGuard PVC Smooth induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -52.5        |
| W-29.                                     | Min. 15/32-inch plywood or 1-inch wood plank over nominal No. 2 wood trusses; 2 ft span | (Optional) One or more layers, any combination (Tread Safe = min. 2-inch thick insulation) | Drill-Tec #14 (min. 1-inch embedment) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate through to wood supports | 18-inch o.c. along wood supports, 24-inch o.c.                                                                                                                                                           | EverGuard PVC XK or EverGuard PVC Smooth induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -82.5        |
| EVERGUARD PVC OR EVERGUARD PVC KEE:       |                                                                                         |                                                                                            |                                                                                                                                                      |                                                                                                                                                                                                          |                                                                                                                                            |              |

**TABLE 1D: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                                           | Insulation Layer <a href="#">(Note 13)</a>                                                   | Attachment                                                                                                                                             |                                               | Roof Cover <a href="#">(Note 15B)</a>                                                                                                | MDP <a href="#">(psf)</a> |
|------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|            |                                                                                         |                                                                                              | Fastener <a href="#">(Note 11)</a>                                                                                                                     | Density                                       |                                                                                                                                      |                           |
| W-30.      | Min. 15/32-inch APA rated OSB or APA rated CDX plywood or 1-inch wood plank; 2 ft span  | (Optional) One or more layers, any combination (Tread Safe = min. 2-inch thick insulation)   | Drill-Tec XHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                           | 18 x 24-inch grid                             | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -37.5                     |
| W-31.      | Min. 15/32-inch APA rated plywood or 1-inch wood plank; 2 ft span                       | (Optional) One or more layers, any combination (Tread Safe = min. 2-inch thick insulation)   | Drill-Tec XHD Fastener and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                           | 24 x 32-inch grid                             | EverGuard PVC induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                      | -60.0                     |
| W-32.      | Min. 19/32-inch plywood or 1-inch wood plank over nominal No. 2 wood trusses; 2 ft span | (Optional) One or more layers, any combination (Tread Safe = min. 2-inch thick insulation)   | Drill-Tec #14 (min. 1-inch embedment) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate through to wood supports   | 9-inch o.c. along wood supports, 24-inch o.c. | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -90.0                     |
| W-33.      | Min. 19/32-inch plywood or 1-inch wood plank over nominal No. 2 wood trusses; 2 ft span | One or more layers, any combination, min. 1-inch (Tread Safe = min. 2-inch thick insulation) | Drill-Tec #14 (min. 1.4-inch embedment) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate through to wood supports | 9-inch o.c. along wood supports, 24-inch o.c. | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -105.0                    |

**TABLE 1E: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

| System No.                                | Deck <a href="#">(Note 1)</a>                           | Insulation <a href="#">(Note 13)</a>               |                                 | Separator Sheet (Optional)                                                   | Roof Cover <a href="#">(Note 15)</a> |                                                                                                                                               |                                                                                               | <a href="#">MDP (psf)</a> |
|-------------------------------------------|---------------------------------------------------------|----------------------------------------------------|---------------------------------|------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------|
|                                           |                                                         | Type                                               | Attach <a href="#">(Note 5)</a> |                                                                              | Membrane                             | Fastener <a href="#">(Note 11)</a>                                                                                                            | Attachment                                                                                    |                           |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK: |                                                         |                                                    |                                 |                                                                              |                                      |                                                                                                                                               |                                                                                               |                           |
| W-34.                                     | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | One or more layers, any combination, min. 0.5-inch | Prelim. Attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or PVC Smooth       | Drill-Tec #14 Fastener with Drill-Tec 2 in. Double Barbed XHD Plate, Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate | 9-inch o.c. within 5-inch wide laps spaced 55-inch o.c. and sealed with a 1.5-inch heat weld. | -30.0                     |
| W-35.                                     | Min. 15/32-inch plywood or 1-inch wood plank; 2 ft span | One or more layers, any combination, min. 0.5-inch | Prelim. Attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or PVC Smooth       | Drill-Tec #14 Fastener with Drill-Tec 2 in. Double Barbed XHD Plate, Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate | 6-inch o.c. within 5-inch wide laps spaced 76-inch o.c. and sealed with a 1.5-inch heat weld. | -37.5                     |
| W-36.                                     | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span | One or more layers, any combination, min. 0.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or PVC Smooth       | Drill-Tec #14 Fastener with Drill-Tec 2 in. Double Barbed XHD Plate, Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate | 8-inch o.c. within 5-inch wide laps spaced 55-inch o.c. and sealed with a 1.5-inch heat weld. | -45.0                     |

**TABLE 1E: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

| System No.                                 | Deck <a href="#">(Note 1)</a>                                                          | Insulation <a href="#">(Note 13)</a>               |                                 | Separator Sheet (Optional)                                                   | Roof Cover <a href="#">(Note 15)</a> |                                                                                                                                                                                                       |                                                                                                | MDP <a href="#">(psf)</a> |
|--------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------|------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|
|                                            |                                                                                        | Type                                               | Attach <a href="#">(Note 5)</a> |                                                                              | Membrane                             | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                    | Attachment                                                                                     |                           |
| W-37.                                      | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span                                | One or more layers, any combination, min. 0.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or PVC Smooth       | Drill-Tec #14 Fastener with Drill-Tec 2 in. Double Barbed XHD Plate, Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate                                                         | 6-inch o.c. within 5-inch wide laps spaced 76-inch o.c. and sealed with a 1.5-inch heat weld.  | -45.0                     |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE:</b> |                                                                                        |                                                    |                                 |                                                                              |                                      |                                                                                                                                                                                                       |                                                                                                |                           |
| W-38.                                      | Min. 15/32-inch APA rated OSB or APA rated CDX plywood or 1-inch wood plank; 2 ft span | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC or EverGuard PVC KEE   | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate | 6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld. | -30.0                     |

**TABLE 1F: WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE E-1: NON-INSULATED, MECHANICALLY ATTACHED ROOF COVER**

| System No.                          | Deck <a href="#">(Note 1)</a>                                                          | Separator Sheet (Optional)                                                   | Roof Cover <a href="#">(Note 15)</a> |                                                                                                                                                                                                       |                                                                                                | <a href="#">MDP</a><br><a href="#">(psf)</a> |
|-------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------|
|                                     |                                                                                        |                                                                              | Membrane                             | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                    | Attachment                                                                                     |                                              |
| EVERGUARD PVC OR EVERGUARD PVC KEE: |                                                                                        |                                                                              |                                      |                                                                                                                                                                                                       |                                                                                                |                                              |
| W-39.                               | Min. 15/32-inch APA rated OSB or APA rated CDX plywood or 1-inch wood plank; 2 ft span | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC or EverGuard PVC KEE   | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate | 6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld. | -30.0                                        |

**TABLE 1G: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                           | Base Sheet                                                                                                                                        |                                                                       |                                                                                                    | Roof Cover <a href="#">(Note 15)</a> |         | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------|---------|---------------------------|
|            |                                                         | Base                                                                                                                                              | Fastener <a href="#">(Note 11)</a>                                    | Attach                                                                                             | Base                                 | Cap     |                           |
| W-40.      | Min. 19/32-inch plywood or 1-inch wood plank; 2 ft span | GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | 32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails | 4-inch o.c. at min. 2-inch laps and 4-inch o.c. at four (4), equally spaced, staggered center rows | SBS-AA or SBS-TA                     | PVCF-HA | -97.5                     |

**TABLE 2A: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )  | Base Insulation Layer                                                                |                                        | Top Insulation Layer |                                        | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|-------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------|----------------------|----------------------------------------|----------------------------------------|--------------|
|            |                                     | Type                                                                                 | Attach ( <a href="#">Notes 6,7,8</a> ) | Type                 | Attach ( <a href="#">Notes 6,7,8</a> ) |                                        |              |
| S-1.       | Min. 22 ga., type B, Grade 40 steel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c.            | None                 | N/A                                    | PVC2-QL                                | -90.0        |
| S-2.       | Min. 22 ga., type B, Grade 40 steel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c.            | None                 | N/A                                    | PVC1-QS or PVC2-QS                     | -90.0        |
| S-3.       | Min. 22 ga., type B, Grade 40 steel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c.            | None                 | N/A                                    | PVC1-BA                                | -120.0       |
| S-4.       | Min. 22 ga., type B, Grade 40 steel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c.            | None                 | N/A                                    | PVC2-BA                                | -120.0       |
| S-5.       | Min. 22 ga., type B, Grade 40 steel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c.            | None                 | N/A                                    | PVCF-WB                                | -120.0       |
| S-6.       | Min. 22 ga., type B, Grade 40 steel | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M or OB500, 6-inch o.c.            | None                 | N/A                                    | PVCF-OB                                | -120.0       |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                             | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                          |                                       |               | Top Insulation Layer                                                                               |                                           | Roof Cover ( <a href="#">Note 15</a> ) | <a href="#">MDP (psf)</a> |
|--------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|---------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------------------|
|                                                        |                                                                           | Type                                                           | Fasten<br>( <a href="#">Note 11</a> ) | Attach        | Type                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                           |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                                                           |                                                                |                                       |               |                                                                                                    |                                           |                                        |                           |
| S-7.                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | Note 2                                | 1 per 2.0 ft² | Additional layers of base insulation                                                               | hot asphalt                               | PVC1-BA                                | -45.0*                    |
| S-8.                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2.0-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | Note 2                                | 1 per 4.0 ft² | Additional layers of base insulation                                                               | hot asphalt                               | PVC1-BA                                | -45.0*                    |
| S-9.                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | Note 2                                | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVC1-BA                                | -37.5*                    |
| S-10.                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | Note 2                                | 1 per 2.0 ft² | Min. 0.25-inch thick DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board           | OB500                                     | PVC1-BA                                | -45.0*                    |
| S-11.                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN    | Note 2                                | 1 per 4.0 ft² | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                 | OB500                                     | PVC1-BA                                | -45.0*                    |



**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-12.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.5-inch DensDeck                                                               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | One or more layers, min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                                                              | OB500                                     | PVC1-BA                                | -45.0*                         |
| S-13.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-EnergyGuard RH                                                              | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, OB500                              | PVC1-BA                                | -37.5*                         |
| S-14.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-EnergyGuard RH                                                                | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, OB500                              | PVC1-BA                                | -37.5*                         |
| S-15.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                                                                                                                | LRF-M or OB500                            | PVC1-BA                                | -45.0*                         |
| S-16.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                                                                                                                | LRF-M or OB500                            | PVC1-BA                                | -45.0*                         |
| S-17.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                                                                                                                | LRF-M or OB500                            | PVC1-BA                                | -45.0*                         |
| S-18.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                        | LRF-M or OB500                            | PVC1-BA                                | -45.0*                         |
| S-19.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                        | LRF-M or OB500                            | PVC1-BA                                | -45.0*                         |
| S-20.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                        | LRF-M or OB500                            | PVC1-BA                                | -45.0*                         |
| S-21.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                            | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                 | LRF-M or OB500                            | PVC1-BA                                | -52.5                          |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                 | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                                |                                       |                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|                                                                                            |                                                                           | Type                                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-22.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                                                                          | LRF-XF                                    | PVC1-BA                                | -45.0*                         |
| S-23.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                                                                          | LRF-XF                                    | PVC1-BA                                | -45.0*                         |
| S-24.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                                                                          | LRF-XF                                    | PVC1-BA                                | -45.0*                         |
| S-25.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                  | LRF-XF                                    | PVC1-BA                                | -45.0*                         |
| S-26.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                  | LRF-XF                                    | PVC1-BA                                | -45.0*                         |
| S-27.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                  | LRF-XF                                    | PVC1-BA                                | -45.0*                         |
| S-28.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                            | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC1-BA                                | -52.5                          |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:</b> |                                                                           |                                                                                                      |                                       |                           |                                                                                                                                                                                           |                                           |                                        |                                |
| S-29.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation Polyiso Insulation | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | hot asphalt, LRF-M or OB500               | PVC2-BA                                | -30.0                          |
| S-30.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                       | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                                      | hot asphalt                               | PVC2-BA                                | -45.0*                         |
| S-31.                                                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA or EnergyGuard RN                                                         | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                                      | hot asphalt                               | PVC2-BA                                | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-32.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | OB500                                     | PVC2-BA                                | -37.5*                         |
| S-33.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC2-BA                                | -37.5*                         |
| S-34.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                           | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC2-BA                                | -37.5*                         |
| S-35.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                                      | OB500                                     | PVC2-BA                                | -45.0*                         |
| S-36.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.5-inch DensDeck                                                               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                                  | OB500                                     | PVC2-BA                                | -45.0*                         |
| S-37.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                         | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                          | OB500                                     | PVC2-BA                                | -45.0*                         |
| S-38.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                          | OB500                                     | PVC2-BA                                | -45.0*                         |
| S-39.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation followed by Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                    | LRF-M or OB500                            | PVC2-BA                                | -45.0*                         |
| S-40.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation followed by Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                    | LRF-M or OB500                            | PVC2-BA                                | -45.0*                         |
| S-41.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                        | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | OB500                                     | PVC2-BA                                | -45.0*                         |
| S-42.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                          | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | OB500                                     | PVC2-BA                                | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                        |                                       |                           | Top Insulation Layer                                                                                                                                                       |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-43.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                             | OB500                                     | PVC2-BA                                | -45.0*                         |
| S-44.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                  | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                             | OB500                                     | PVC2-BA                                | -45.0*                         |
| S-45.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVC2-BA                                | -45.0*                         |
| S-46.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVC2-BA                                | -45.0*                         |
| S-47.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board  | LRF-M or OB500                            | PVC2-BA                                | -45.0*                         |
| S-48.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board  | LRF-M or OB500                            | PVC2-BA                                | -45.0*                         |
| S-49.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                  | LRF-M or OB500                            | PVC2-BA                                | -45.0*                         |
| S-50.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                  | LRF-M or OB500                            | PVC2-BA                                | -45.0*                         |
| S-51.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                            | LRF-M or OB500                            | PVC2-BA                                | -52.5                          |
| S-52.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                 | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                            | OB500                                     | PVC2-BA                                | -60.0                          |
| S-53.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                            | OB500                                     | PVC2-BA                                | -60.0                          |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-54.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RN         | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-M                                     | PVC2-BA                                | -60.0                          |
| S-55.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation      | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC2-BA                                | -30.0                          |
| S-56.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                                      | LRF-XF                                    | PVC2-BA                                | -45.0*                         |
| S-57.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA or EnergyGuard RH                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | LRF-XF                                    | PVC2-BA                                | -45.0*                         |
| S-58.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA or EnergyGuard RH                                          | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | LRF-XF                                    | PVC2-BA                                | -45.0*                         |
| S-59.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                | LRF-XF                                    | PVC2-BA                                | -45.0*                         |
| S-60.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                | LRF-XF                                    | PVC2-BA                                | -45.0*                         |
| S-61.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-XF                                    | PVC2-BA                                | -45.0*                         |
| S-62.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-XF                                    | PVC2-BA                                | -45.0*                         |
| S-63.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                            | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-BA                                | -52.5                          |
| S-64.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA or EnergyGuard RH                                         | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-BA                                | -60.0                          |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                            | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                           |                                       |                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|                                                                       |                                                                           | Type                                                                            | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-65.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH    | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-BA                                | -60.0                          |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                           |                                                                                 |                                       |                           |                                                                                                                                                                                           |                                           |                                        |                                |
| S-66.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | hot asphalt, LRF-M or OB500               | PVC2-QL                                | -30.0                          |
| S-67.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA                                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                                      | hot asphalt                               | PVC2-QL                                | -45.0*                         |
| S-68.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA                                                      | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                                      | hot asphalt                               | PVC2-QL                                | -45.0*                         |
| S-69.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                  | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVC2-QL                                | -37.5*                         |
| S-70.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC2-QL                                | -37.5*                         |
| S-71.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                      | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC2-QL                                | -37.5*                         |
| S-72.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                                      | OB500                                     | PVC2-QL                                | -45.0*                         |
| S-73.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.5-inch DensDeck                                                          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                                          | OB500                                     | PVC2-QL                                | -45.0*                         |
| S-74.                                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                   | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVC2-QL                                | -45.0*                         |



**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                        |                                       |                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-75.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                  | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVC2-QL                                | -45.0*                         |
| S-76.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-M or OB500                            | PVC2-QL                                | -45.0*                         |
| S-77.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-M or OB500                            | PVC2-QL                                | -45.0*                         |
| S-78.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation                                                  | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-M or OB500                            | PVC2-QL                                | -45.0*                         |
| S-79.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation                                                    | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-M or OB500                            | PVC2-QL                                | -45.0*                         |
| S-80.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-M or OB500                            | PVC2-QL                                | -52.5                          |
| S-81.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                 | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                     | PVC2-QL                                | -60.0                          |
| S-82.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                     | PVC2-QL                                | -60.0                          |
| S-83.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RN                 | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-M                                     | PVC2-QL                                | -60.0                          |
| S-84.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC2-QL                                | -30.0                          |
| S-85.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                 | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                                      | LRF-XF                                    | PVC2-QL                                | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                        | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|                                                                                   |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-86.                                                                             | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA or EnergyGuard RH                                       | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | LRF-XF                                    | PVC2-QL                                | -45.0*                         |
| S-87.                                                                             | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA or EnergyGuard RH                                         | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | LRF-XF                                    | PVC2-QL                                | -45.0*                         |
| S-88.                                                                             | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-XF                                    | PVC2-QL                                | -45.0*                         |
| S-89.                                                                             | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-XF                                    | PVC2-QL                                | -45.0*                         |
| S-90.                                                                             | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-XF                                    | PVC2-QL                                | -45.0*                         |
| S-91.                                                                             | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation                                           | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-XF                                    | PVC2-QL                                | -45.0*                         |
| S-92.                                                                             | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                         | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-QL                                | -52.5                          |
| S-93.                                                                             | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA or EnergyGuard RH                                        | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-QL                                | -60.0                          |
| S-94.                                                                             | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH        | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVC2-QL                                | -60.0                          |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                                                           |                                                                                     |                                       |                           |                                                                                                                                                                                           |                                           |                                        |                                |
| S-95.                                                                             | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation     | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | hot asphalt, LRF-M or OB500               | PVC1-QS or PVC2-QS                     | -30.0                          |
| S-96.                                                                             | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA                                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                                      | hot asphalt                               | PVC1-QS or PVC2-QS                     | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-97.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA                                                          | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                                      | hot asphalt                               | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-98.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                      | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                     | -37.5*                         |
| S-99.      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC1-QS or PVC2-QS                     | -37.5*                         |
| S-100.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                          | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC1-QS or PVC2-QS                     | -37.5*                         |
| S-101.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                                      | OB500                                     | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-102.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.5-inch DensDeck                                                              | Note 2                                | 1 per 2.0 ft <sup>2</sup> | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                                          | OB500                                     | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-103.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-104.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                         | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-105.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                     | LRF-M or OB500                            | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-106.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                     | LRF-M or OB500                            | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-107.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-M or OB500                            | PVC1-QS or PVC2-QS                     | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                              | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|                                                                         |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-108.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation                                           | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-M or OB500                            | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-109.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation     | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -30.0                          |
| S-110.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                        | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers of base insulation                                                                                                                                                      | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-111.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA or EnergyGuard RH                                       | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-112.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA or EnergyGuard RH                                         | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-113.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                     | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-114.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                     | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-115.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation                                         | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -45.0*                         |
| S-116.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation                                           | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | LRF-XF                                    | PVC1-QS or PVC2-QS                     | -45.0*                         |
| <b>EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                           |                                                                                     |                                       |                           |                                                                                                                                                                                           |                                           |                                        |                                |
| S-117.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                      | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVCX-WB                                | -37.5*                         |
| S-118.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                      | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                     | PVCX-WB                                | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-119.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-EnergyGuard RH                                                              | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCX-WB                                | -37.5*                         |
| S-120.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-EnergyGuard RH                                                                | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCX-WB                                | -37.5*                         |
| S-121.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                                                                                                                | LRF-M or OB500                            | PVCX-WB                                | -45.0*                         |
| S-122.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                                                                                                                | LRF-M or OB500                            | PVCX-WB                                | -45.0*                         |
| S-123.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                                                                                                                | LRF-M or OB500                            | PVCX-WB                                | -45.0*                         |
| S-124.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                         | LRF-M or OB500                            | PVCX-WB                                | -45.0*                         |
| S-125.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                         | LRF-M or OB500                            | PVCX-WB                                | -45.0*                         |
| S-126.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                         | LRF-M or OB500                            | PVCX-WB                                | -45.0*                         |
| S-127.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                                                                                                                | LRF-XF                                    | PVCX-WB                                | -45.0*                         |
| S-128.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                                                                                                                | LRF-XF                                    | PVCX-WB                                | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|                                                                                                      |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-129.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional layers, min. 1.5-inch base insulation                                                                                                                                          | LRF-XF                                    | PVCX-WB                                | -45.0*                         |
| S-130.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                   | LRF-XF                                    | PVCX-WB                                | -45.0*                         |
| S-131.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                   | LRF-XF                                    | PVCX-WB                                | -45.0*                         |
| S-132.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                   | LRF-XF                                    | PVCX-WB                                | -45.0*                         |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN HOT ASPHALT:</b>                      |                                                                           |                                                                                      |                                       |                           |                                                                                                                                                                                           |                                           |                                        |                                |
| S-133.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation      | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | hot asphalt, LRF-M, LRF-XF or OB500       | PVCF-HA                                | -30.0                          |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                           |                                                                                      |                                       |                           |                                                                                                                                                                                           |                                           |                                        |                                |
| S-134.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | OB500                                     | PVCF-WB                                | -45.0*                         |
| S-135.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                                                                 | OB500                                     | PVCF-WB                                | -45.0*                         |
| S-136.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVCF-WB                                | -37.5*                         |
| S-137.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVCF-WB                                | -45.0*                         |
| S-138.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                 | OB500                                     | PVCF-WB                                | -45.0*                         |



**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                        |                                       |                           | Top Insulation Layer                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-139.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-WB                                | -45.0*                         |
| S-140.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | OB500                                     | PVCF-WB                                | -60.0                          |
| S-141.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-M                                     | PVCF-WB                                | -45.0*                         |
| S-142.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-M                                     | PVCF-WB                                | -45.0*                         |
| S-143.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-WB                                | -45.0*                         |
| S-144.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layer(s), min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-WB                                | -45.0*                         |
| S-145.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RN                 | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | LRF-M                                     | PVCF-WB                                | -60.0                          |
| S-146.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-XF                                    | PVCF-WB                                | -45.0*                         |
| S-147.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Additional optional layers, min. 0.5-inch base insulation                                                                                 | LRF-XF                                    | PVCF-WB                                | -45.0*                         |
| S-148.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RH                 | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                           | LRF-XF                                    | PVCF-WB                                | -60.0                          |

EVERGUARD PVC XK FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                           | Top Insulation Layer                                                                                                                    |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-149.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN         | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.        | -30.0*                         |
| S-150.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN         | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCX-LM, 4-inch o.c.                   | -30.0*                         |
| S-151.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH or EnergyGuard RN                                       | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-M, OB500                              | PVCX-LM or PVCX-LO, 4-inch o.c.        | -45.0*                         |
| S-152.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH or EnergyGuard RN                                         | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                        | LRF-M, OB500                              | PVCX-LM or PVCX-LO, 4-inch o.c.        | -45.0*                         |
| S-153.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN       | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, OB500                              | PVCX-LM or PVCX-LO, 4-inch o.c.        | -45.0*                         |
| S-154.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN       | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M, OB500                              | PVCX-LM, 4-inch o.c.                   | -45.0*                         |
| S-155.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN         | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, OB500                              | PVCX-LM or PVCX-LO, 4-inch o.c.        | -45.0*                         |
| S-156.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN         | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M, OB500                              | PVCX-LM, 4-inch o.c.                   | -45.0*                         |
| S-157.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-LM or PVCX-LO, 12-inch o.c.       | -45.0*                         |
| S-158.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCX-LM, 12-inch o.c.                  | -45.0*                         |
| S-159.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-LM or PVCX-LO, 12-inch o.c.       | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                |                                       |                           | Top Insulation Layer                                                                                                                    |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                 | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-160.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCX-LM, 12-inch o.c.                  | -45.0*                         |
| S-161.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCX-LM or PVCX-LO, 12-inch o.c.       | -45.0*                         |
| S-162.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCX-LM, 12-inch o.c.                  | -45.0*                         |
| S-163.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.       | -45.0*                         |
| S-164.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM, 12-inch o.c.                  | -45.0*                         |
| S-165.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.       | -45.0*                         |
| S-166.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM, 12-inch o.c.                  | -45.0*                         |
| S-167.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.       | -45.0*                         |
| S-168.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers, min. 1.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM, 12-inch o.c.                  | -45.0*                         |
| S-169.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                           | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.        | -30.0*                         |
| S-170.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                           | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM, 4-inch o.c.                   | -30.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                      |                                       |                           | Top Insulation Layer                                                                                                           |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|                                                                                                      |                                                                           | Type                                                                                       | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                           | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-171.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                                               | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                               | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.        | -45.0*                         |
| S-172.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                                 | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                               | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.        | -45.0*                         |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                           |                                                                                            |                                       |                           |                                                                                                                                |                                           |                                        |                                |
| S-173.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                              | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 12-inch o.c.       | -37.5*                         |
| S-174.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                 | LRF-M or OB500                            | PVCF-LM, 12-inch o.c.                  | -37.5*                         |
| S-175.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                   | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0*                         |
| S-176.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                      | LRF-M or OB500                            | PVCF-LM, 12-inch o.c.                  | -45.0*                         |
| S-177.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation        | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0*                         |
| S-178.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation        | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCF-LM, 12-inch o.c.                  | -45.0*                         |
| S-179.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                              | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 4-inch o.c.        | -30.0*                         |
| S-180.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                 | LRF-M or OB500                            | PVCF-LM, 4-inch o.c.                   | -30.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                        |                                       |                           | Top Insulation Layer                                                                                                                                                                                             |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-181.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 4-inch o.c.        | -45.0*                         |
| S-182.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCF-LM, 4-inch o.c.                   | -45.0*                         |
| S-183.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 4-inch o.c.        | -45.0*                         |
| S-184.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCF-LM, 4-inch o.c.                   | -45.0*                         |
| S-185.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                  | LRF-M or OB500                            | PVCF-LM or PVCF-LO, 4-inch o.c.        | -60.0                          |
| S-186.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.       | -37.5*                         |
| S-187.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                   | LRF-XF                                    | PVCF-LM, 12-inch o.c.                  | -37.5*                         |
| S-188.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                     | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0*                         |
| S-189.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                        | LRF-XF                                    | PVCF-LM, 12-inch o.c.                  | -45.0*                         |
| S-190.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.       | -45.0*                         |



**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                  | Deck<br>(Note 1)                                                          | Base Insulation Layer                                                               |                     |                           | Top Insulation Layer                                                                                                                                                                                             |                         | Roof Cover (Note 15)            | MDP (psf) |
|-------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------|-----------|
|                                                             |                                                                           | Type                                                                                | Fasten<br>(Note 11) | Attach                    | Type                                                                                                                                                                                                             | Attach<br>(Notes 6,7,8) |                                 |           |
| S-191.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2              | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                      | LRF-XF                  | PVCF-LM, 12-inch o.c.           | -45.0*    |
| S-192.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2              | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                | LRF-XF                  | PVCF-LM or PVCF-LO, 4-inch o.c. | -30.0*    |
| S-193.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2              | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                   | LRF-XF                  | PVCF-LM, 4-inch o.c.            | -30.0*    |
| S-194.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2              | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                  | PVCF-LM or PVCF-LO, 4-inch o.c. | -45.0*    |
| S-195.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2              | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                  | PVCF-LM, 4-inch o.c.            | -45.0*    |
| S-196.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2              | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                  | PVCF-LM or PVCF-LO, 4-inch o.c. | -45.0*    |
| S-197.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2              | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                  | PVCF-LM, 4-inch o.c.            | -45.0*    |
| S-198.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH          | Note 2              | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                  | LRF-XF                  | PVCF-LM or PVCF-LO, 4-inch o.c. | -60.0     |
| <b>EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                                                           |                                                                                     |                     |                           |                                                                                                                                                                                                                  |                         |                                 |           |
| S-199.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN        | Note 2              | 1 per 3.2 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M, OB500            | PVCX-OB                         | -30.0*    |
| S-200.                                                      | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH or EnergyGuard RN                                      | Note 2              | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                                                                                                 | LRF-M, OB500            | PVCX-OB                         | -45.0*    |



**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                               | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                             |                                       |                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|                                                                                          |                                                                           | Type                                                                              | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-201.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH or EnergyGuard RN                                      | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                                                                          | LRF-M, OB500                              | PVCX-OB                                | -45.0*                         |
| S-202.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                   | LRF-M, OB500                              | PVCX-OB                                | -45.0*                         |
| S-203.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN      | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                   | LRF-M, OB500                              | PVCX-OB                                | -45.0*                         |
| S-204.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                         | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-M, OB500                              | PVCX-OB                                | -52.5                          |
| S-205.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RH                                                      | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                                                                          | LRF-XF                                    | PVCX-OB                                | -45.0*                         |
| S-206.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RH                                                        | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Additional layers, min. 0.5-inch base insulation                                                                                                                                          | LRF-XF                                    | PVCX-OB                                | -45.0*                         |
| S-207.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                      | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                   | LRF-XF                                    | PVCX-OB                                | -45.0*                         |
| S-208.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional additional layers, min. 0.5-inch base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                   | LRF-XF                                    | PVCX-OB                                | -45.0*                         |
| S-209.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                         | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                    | PVCX-OB                                | -52.5                          |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                                                           |                                                                                   |                                       |                           |                                                                                                                                                                                           |                                           |                                        |                                |
| S-210.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | hot asphalt, LRF-M or OB500               | PVCF-XF or PVCF-OB                     | -30.0                          |
| S-211.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | LRF-M or OB500                            | PVCF-XF or PVCF-OB                     | -37.5*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                        |                                       |                           | Top Insulation Layer                                                                                                                                                                                             |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-212.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                   | LRF-M or OB500                            | PVCF-XF                                | -37.5*                         |
| S-213.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                     | LRF-M or OB500                            | PVCF-XF or PVCF-OB                     | -45.0*                         |
| S-214.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                        | LRF-M or OB500                            | PVCF-XF                                | -45.0*                         |
| S-215.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | LRF-M or OB500                            | PVCF-XF or PVCF-OB                     | -45.0*                         |
| S-216.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation          | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                      | LRF-M or OB500                            | PVCF-XF                                | -45.0*                         |
| S-217.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN   | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                | LRF-M or OB500                            | PVCF-XF or PVCF-OB                     | -30.0*                         |
| S-218.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN   | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                   | LRF-M or OB500                            | PVCF-XF                                | -30.0*                         |
| S-219.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-XF or PVCF-OB                     | -45.0*                         |
| S-220.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN   | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M or OB500                            | PVCF-XF                                | -45.0*                         |
| S-221.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | PVCF-XF or PVCF-OB                     | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                        |                                       |                           | Top Insulation Layer                                                                                                                                                                                                                                                                                                                                                  |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                         | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                                                                                                                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-222.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM, EnergyGuard RN | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                         | LRF-M or OB500                            | PVCF-XF                                | -45.0*                         |
| S-223.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                                       | LRF-M or OB500                            | PVCF-XF or PVCF-OB                     | -52.5                          |
| S-224.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                                       | LRF-M or OB500                            | PVCF-XF or PVCF-OB                     | -60.0                          |
| S-225.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | Min. 2-inch EnergyGuard Polyiso Insulation                                                   | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 1.5-inch x max. 4x4 ft base insulation                                                                                                                                                                                                                                                                                                                           | OB500                                     | PVCF-OB                                | -60.0                          |
| S-226.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | Min. 2-inch EnergyGuard Polyiso Insulation                                                   | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Optional layers of min. 1.5-inch x max. 4x4 ft base insulation followed by min. 0.25-inch x max. 4x4 ft DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch x max. 4x4 ft EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCF-OB                                | -60.0                          |
| S-227.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | Min. 2-inch EnergyGuard Polyiso Insulation                                                   | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch x max. 4x4 ft EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                            | OB500                                     | PVCF-OB                                | -67.5                          |
| S-228.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation              | Note 2                                | 1 per 1.8 ft <sup>2</sup> | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                                             | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -30.0                          |
| S-229.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                     | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -37.5*                         |
| S-230.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation            | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                                                                                                                        | LRF-XF                                    | PVCF-XF                                | -37.5*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                               |                                       |                           | Top Insulation Layer                                                                                                                                                                                             |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-231.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                     | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -45.0*                         |
| S-232.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Min. 0.5-inch base insulation followed, by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                        | LRF-XF                                    | PVCF-XF                                | -45.0*                         |
| S-233.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -45.0*                         |
| S-234.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                      | LRF-XF                                    | PVCF-XF                                | -45.0*                         |
| S-235.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -30.0*                         |
| S-236.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                   | LRF-XF                                    | PVCF-XF                                | -30.0*                         |
| S-237.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -45.0*                         |
| S-238.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                          | Note 2                                | 1 per 2.9 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-XF                                | -45.0*                         |
| S-239.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -45.0*                         |
| S-240.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                        | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN or min. 1.5-inch EnergyGuard RM, followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-XF                                | -45.0*                         |

**TABLE 2B: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                      |                                       |                           | Top Insulation Layer                            |                                           | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|---------------------------|-------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                       | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                                |
| S-241.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                  | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -52.5                          |
| S-242.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-XF or PVCF-OB                     | -60.0                          |

**TABLE 2C: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No.                | Deck<br><a href="#">(Note 1)</a>                                          | Base Insulation Layer                                                                |                                     |               | Top Insulation Layer                                                                                                                                                                  |                                         | Roof Cover <a href="#">(Note 15)</a> |         | <a href="#">MDP (psf)</a> |
|---------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|---------|---------------------------|
|                           |                                                                           | Type                                                                                 | Fasten<br><a href="#">(Note 11)</a> | Attach        | Type                                                                                                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply |                           |
| ASPHALT-APPLIED BASE PLY: |                                                                           |                                                                                      |                                     |               |                                                                                                                                                                                       |                                         |                                      |         |                           |
| S-243.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                              | 1 per 4.0 ft2 | Min. 0.5-inch EnergyGuard Perlite Recover Boardm min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation | hot asphalt                             | SBS-AA                               | PVCF-HA | -37.5*                    |
| S-244.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                              | 1 per 2.7 ft2 | Min. 0.5-inch EnergyGuard Perlite Recover Board, min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation | hot asphalt                             | SBS-AA                               | PVCF-HA | -45.0*                    |
| S-245.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                              | 1 per 2.0 ft2 | Min. 0.5-inch EnergyGuard Perlite Recover Board or min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or Structodek High Density Fiberboard Roof Insulation             | hot asphalt                             | SBS-AA                               | PVCF-HA | -45.0*                    |
| S-246.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                              | 1 per 2.0 ft² | Optional layers of base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                            | hot asphalt                             | BP-AA or SBS-AA                      | PVCF-HA | -45.0*                    |
| S-247.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                              | 1 per 4.0 ft2 | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous)                                           | hot asphalt                             | SBS-AA                               | PVCF-HA | -45.0*                    |

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                              |                                       |                | Top Insulation Layer                                                                                                                                                                                                                                                                              |                                           | Roof Cover ( <a href="#">Note 15</a> ) |         | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------|--------------------------------|
|            |                                                                           | Type                                                                               | Fasten<br>( <a href="#">Note 11</a> ) | Attach         | Type                                                                                                                                                                                                                                                                                              | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply |                                |
| S-248.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA, EnergyGuard RN                                        | Note 2                                | 1 per 4.0 ft²  | Optional layers of base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                        | hot asphalt                               | BP-AA or SBS-AA                        | PVCF-HA | -45.0*                         |
| S-249.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Note 2                                | 1 per 4.0 ft²  | Min. 0.5-inch EnergyGuard Perlite Recover Board, min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                             | hot asphalt                               | SBS-AA                                 | PVCF-HA | -45.0*                         |
| S-250.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation  | Note 2                                | 1 per 4.0 ft²  | Optional layers of min. 0.5-inch base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                          | hot asphalt                               | BP-AA or SBS-AA                        | PVCF-HA | -45.0*                         |
| S-251.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA                                                          | Note 2                                | 1 per 5.3 ft²  | Optional layers of min. 1.5-inch base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                          | hot asphalt                               | BP-AA or SBS-AA                        | PVCF-HA | -45.0*                         |
| S-252.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2.2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                     | Note 2                                | 1 per 4.0 ft²  | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                                                                                                                                  | hot asphalt                               | SBS-AA                                 | PVCF-HA | -45.0*                         |
| S-253.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN     | Note 2                                | 1 per 1.3 ft²  | Optional additional layers base insulation followed by min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous), min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or EnergyGuard Perlite Recover Board, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt                               | SBS-AA                                 | PVCF-HA | -60.0                          |
| S-254.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                                | 1 per 1.45 ft² | Min. 1.0-inch EnergyGuard Perlite Roof Insulation (homogeneous)                                                                                                                                                                                                                                   | hot asphalt                               | SBS-AA                                 | PVCF-HA | -60.0                          |
| S-255.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | Note 2                                | 1 per 1.45 ft² | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                                                                                                                                  | hot asphalt                               | SBS-AA                                 | PVCF-HA | -67.5                          |



**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                                          |                                       |                           | Top Insulation Layer                                                                                                                     |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                    | MDP<br>( <a href="#">psf</a> ) |
|------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------------------------------------------|--------------------------------|
|            |                                                                           | Type                                                                                                           | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                            |                                |
| S-256.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                  | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECURock Gypsum-Fiber Roof Board               | OB500                                     | BP-AA or SBS-AA                        | PVCF-HA                                                            | -45.0*                         |
| S-257.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                 | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECURock Gypsum-Fiber Roof Board               | hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -45.0*                         |
| S-258.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN           | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                         | hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -45.0*                         |
| S-259.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA or EnergyGuard RN                                                                    | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional layers of min. 1.5-inch base insulation followed by Min. 0.25-inch DensDeck, DensDeck Prime or SECURock Gypsum-Fiber Roof Board | OB500                                     | BP-AA or SBS-AA                        | PVCF-HA                                                            | -45.0*                         |
| S-260.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECURock Gypsum-Fiber Roof Board               | hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -45.0*                         |
| S-261.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECURock Gypsum-Fiber Roof Board                                                                                          | OB500                                     | SBS-AA                                 | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -60.0                          |
| S-262.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                   | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.375-inch SECURock Gypsum-Fiber Roof Board                                                                                         | hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -60.0                          |
| S-263.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                   | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECURock Gypsum-Fiber Roof Board                                                                                          | hot asphalt or OB500                      | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -60.0                          |
| S-264.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 1.5-inch EnergyGuard RA                                                                                    | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional layers of base insulation followed by Min. 0.25-inch DensDeck Prime or SECURock Gypsum-Fiber Roof Board                         | LRF-XF                                    | BP-AA or SBS-AA                        | PVCF-HA                                                            | -45.0*                         |

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No.                     | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                                          |                                       |                           | Top Insulation Layer                                                                                                           |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                    | MDP<br>( <a href="#">psf</a> ) |
|--------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------------------------------------------|--------------------------------|
|                                |                                                                           | Type                                                                                                           | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                                           | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                            |                                |
| S-265.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                   | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board               | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -45.0*                         |
| S-266.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min 2-inch EnergyGuard RA                                                                                      | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional layers of min. 1.5-inch base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | BP-AA or SBS-AA                        | PVCF-HA                                                            | -45.0*                         |
| S-267.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board               | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -45.0*                         |
| S-268.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                | LRF-XF                                    | SBS-AA                                 | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -60.0                          |
| S-269.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                               | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -60.0                          |
| S-270.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                | LRF-XF                                    | SBS-AA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -60.0                          |
| <b>TORCH-APPLIED BASE PLY:</b> |                                                                           |                                                                                                                |                                       |                           |                                                                                                                                |                                           |                                        |                                                                    |                                |
| S-271.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                 | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board     | hot asphalt or OB500                      | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -45.0*                         |
| S-272.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                   | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers of base insulation; Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board     | hot asphalt or OB500                      | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB | -45.0*                         |
| S-273.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                | OB500                                     | SBS-AA or SBS-TA                       | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -60.0                          |

**TABLE 2c: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED BASE AND CAP PLY**

| System No.                     | Deck<br>( <a href="#">Note 1</a> )                                        | Base Insulation Layer                                                                                          |                                       |                           | Top Insulation Layer                                                                                             |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                             | MDP<br>( <a href="#">psf</a> ) |
|--------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------|--------------------------------|
|                                |                                                                           | Type                                                                                                           | Fasten<br>( <a href="#">Note 11</a> ) | Attach                    | Type                                                                                                             | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                                     |                                |
| S-274.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                   | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                 | hot asphalt or OB500                      | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                          |
| S-275.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                   | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                  | hot asphalt or OB500                      | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                          |
| S-276.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                   | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB          | -45.0*                         |
| S-277.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 4.0 ft <sup>2</sup> | Optional additional layers of base insulation; Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.) or PVCF-OB          | -45.0*                         |
| S-278.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                    | SBS-AA or SBS-TA                       | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0                          |
| S-279.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 2.0 ft <sup>2</sup> | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                 | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                          |
| S-280.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                     | Note 2                                | 1 per 1.6 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                    | SBS-TA                                 | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                          |
| <b>SELF-ADHERING BASE PLY:</b> |                                                                           |                                                                                                                |                                       |                           |                                                                                                                  |                                           |                                        |                                                                             |                                |
| S-281.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                  | OB500                                     | SBS-SA                                 | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0                          |
| S-282.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                                   | Note 2                                | 1 per 1.3 ft <sup>2</sup> | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                    | SBS-SA                                 | PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                                  | -60.0                          |

**TABLE 2D: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                             | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                             |                                                                                |                           | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                          |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | <a href="#">MDP</a><br>(psf) |
|--------------------------------------------------------|-------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|------------------------------|
|                                                        |                                     | Type                                                        | Fasten ( <a href="#">Note 11</a> )                                             | Attach                    |                                                                                                                                                                   | Type                                                                                                                                                                                                                                                                                                                                                                                                                         | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                              |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                     |                                                             |                                                                                |                           |                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                           |                              |
| S-283.                                                 | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                                                                                                                                                                                                                                                                               | OB500                                     | PVC1-BA                                   | -45.0*                       |
| S-284.                                                 | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN followed by Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                                                                                     | OB500                                     | PVC1-BA                                   | -45.0*                       |
| S-285.                                                 | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                                   | OB500                                     | PVC1-BA                                   | -45.0*                       |
| S-286.                                                 | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard RH followed by Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                     | OB500                                     | PVC1-BA                                   | -45.0*                       |
| S-287.                                                 | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC1-BA                                   | -45.0*                       |
| S-288.                                                 | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                            | PVC1-BA                                   | -45.0*                       |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                 | Deck<br><a href="#">(Note 1)</a>    | Thermal Barrier                                             |                                                                       |                           | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                         | Roof Cover<br><a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|--------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|------------------------------|
|                                                                                            |                                     | Type                                                        | Fasten <a href="#">(Note 11)</a>                                      | Attach                    |                                                                                                                                                                   | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Attach<br><a href="#">(Notes 6,7,8)</a> |                                         |                              |
| S-289.                                                                                     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                              | LRF-M, LRF-XF or OB500                  | PVC1-BA                                 | -45.0*                       |
| S-290.                                                                                     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                              | LRF-M, LRF-XF or OB500                  | PVC1-BA                                 | -45.0*                       |
| S-291.                                                                                     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                              | LRF-M, LRF-XF or OB500                  | PVC1-BA                                 | -67.5                        |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:</b> |                                     |                                                             |                                                                       |                           |                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                         |                                         |                              |
| S-292.                                                                                     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | One or more layers, any combination, min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board and/or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVC2-BA                                 | -45.0*                       |
| S-293.                                                                                     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck                                    | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | Two plies GAFGLAS Ply 4 or GAFGLAS Ply 4 M, applied in hot asphalt                                                                                                | Min. 1.5-inch EnergyGuard RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | hot asphalt or OB500                    | PVC2-BA                                 | -45.0*                       |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br><a href="#">(Note 1)</a>    | Thermal Barrier                                             |                                                                              |                           | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         | Roof Cover<br><a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|-------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|------------------------------|
|            |                                     | Type                                                        | Fasten <a href="#">(Note 11)</a>                                             | Attach                    |                                                                                                                                                                   | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Attach<br><a href="#">(Notes 6,7,8)</a> |                                         |                              |
| S-294.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RN<br><br>(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                          | PVC2-BA                                 | -45.0*                       |
| S-295.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RN<br><br>(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Ultralight Coated Glass-Mat Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M or OB500                          | PVC2-BA                                 | -45.0*                       |
| S-296.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br><br>(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                    | LRF-XF                                  | PVC2-BA                                 | -45.0*                       |
| S-297.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation<br><br>(Optional) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                    | LRF-XF                                  | PVC2-BA                                 | -45.0*                       |



**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                            | Deck<br><a href="#">(Note 1)</a>    | Thermal Barrier                                             |                                                                       |                           | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                               |                                         | Roof Cover<br><a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|-----------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|------------------------------|
|                                                                       |                                     | Type                                                        | Fasten <a href="#">(Note 11)</a>                                      | Attach                    |                                                                                                                                                                   | Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Attach<br><a href="#">(Notes 6,7,8)</a> |                                         |                              |
| S-298.                                                                | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                  | PVC2-BA                                 | -67.5                        |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                     |                                                             |                                                                       |                           |                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         |                                         |                              |
| S-299.                                                                | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | One or more layers, any combination, min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board and/or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                             | OB500                                   | PVC2-QL                                 | -45.0*                       |
| S-300.                                                                | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck                                    | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | Two plies GAFGLAS Ply 4 or GAFGLAS Ply 4 M applied in hot asphalt                                                                                                 | Min. 1.5-inch EnergyGuard RA                                                                                                                                                                                                                                                                                                                                                                                                                      | hot asphalt or OB500                    | PVC2-QL                                 | -45.0*                       |
| S-301.                                                                | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                       | LRF-M or OB500                          | PVC2-QL                                 | -45.0*                       |
| S-302.                                                                | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                       | LRF-M or OB500                          | PVC2-QL                                 | -45.0*                       |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                        | Deck<br><a href="#">(Note 1)</a>    | Thermal Barrier                                             |                                                                       |                           | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                               |                                         | Roof Cover<br><a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|------------------------------|
|                                                                                   |                                     | Type                                                        | Fasten <a href="#">(Note 11)</a>                                      | Attach                    |                                                                                                                                                                   | Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Attach<br><a href="#">(Notes 6,7,8)</a> |                                         |                              |
| S-303.                                                                            | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                  | PVC2-QL                                 | -45.0*                       |
| S-304.                                                                            | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                  | PVC2-QL                                 | -45.0*                       |
| S-305.                                                                            | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation            | LRF-M, LRF-XF or OB500                  | PVC2-QL                                 | -60.0                        |
| S-306.                                                                            | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                                                                                           | LRF-M, LRF-XF or OB500                  | PVC2-QL                                 | -67.5                        |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                     |                                                             |                                                                       |                           |                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         |                                         |                              |
| S-307.                                                                            | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | One or more layers, any combination, min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, min. 0.25-inch DensDeck Prime and/or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                 | OB500                                   | PVC1-QS or PVC2-QS                      | -45.0*                       |
| S-308.                                                                            | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck                                    | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | Two plies GAFGLAS Ply 4 or GAFGLAS Ply 4 M applied in hot asphalt                                                                                                 | Min. 1.5-inch EnergyGuard RA                                                                                                                                                                                                                                                                                                                                                                                                                      | hot asphalt or OB500                    | PVC1-QS or PVC2-QS                      | -45.0*                       |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                             |                                                                                |                           | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                           |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>( <a href="#">psf</a> ) |
|------------|-------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|
|            |                                     | Type                                                        | Fasten ( <a href="#">Note 11</a> )                                             | Attach                    |                                                                                                                                                                   | Type                                                                                                                                                                                                                                                                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                |
| S-309.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                  | LRF-M or OB500                            | PVC1-QS or PVC2-QS                        | -45.0*                         |
| S-310.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                  | LRF-M or OB500                            | PVC1-QS or PVC2-QS                        | -45.0*                         |
| S-311.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                    | PVC1-QS or PVC2-QS                        | -45.0*                         |
| S-312.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                    | PVC1-QS or PVC2-QS                        | -45.0*                         |
| S-313.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation            | LRF-M, LRF-XF or OB500                    | PVC1-QS or PVC2-QS                        | -60.0                          |
| S-314.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                                                       | LRF-M, LRF-XF or OB500                    | PVC1-QS or PVC2-QS                        | -67.5                          |

EVERGUARD PVC XK FLEECEBACK APPLICATIONS:

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br><a href="#">(Note 1)</a>    | Thermal Barrier                                             |                                                                       |               | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                               |                                         | Roof Cover<br><a href="#">(Note 15)</a>                   | MDP<br><a href="#">(psf)</a> |
|------------|-------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|------------------------------|
|            |                                     | Type                                                        | Fasten <a href="#">(Note 11)</a>                                      | Attach        |                                                                                                                                                                   | Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Attach<br><a href="#">(Notes 6,7,8)</a> |                                                           |                              |
| S-315.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft² | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                                                                                                                                                                                                                                                                                                    | OB500                                   | PVCX-WB                                                   | -45.0*                       |
| S-316.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft² | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                      | OB500                                   | PVCX-WB                                                   | -45.0*                       |
| S-317.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft² | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard RH followed by Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                                          | OB500                                   | PVCX-WB                                                   | -45.0*                       |
| S-318.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft² | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                  | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                       |
| S-319.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft² | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                 | LRF-M, LRF-XF or OB500                  | PVCX-LM (12-inch o.c.)                                    | -45.0*                       |
| S-320.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft² | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                  | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                       |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                    | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                                    |                                                                                |                           | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> )                 | MDP<br>( <a href="#">psf</a> ) |
|-------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|--------------------------------|
|                                                                               |                                     | Type                                                               | Fasten ( <a href="#">Note 11</a> )                                             | Attach                    |                                                                                                                                                                   | Type                                                                                                                                                                                                                                                                                                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                           |                                |
| S-321.                                                                        | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                        | LRF-M, LRF-XF or OB500                    | PVCX-LM (12-inch o.c.)                                    | -45.0*                         |
| S-322.                                                                        | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                     | LRF-M, LRF-XF or OB500                    | PVCX-OB                                                   | -45.0*                         |
| S-323.                                                                        | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                     | LRF-M, LRF-XF or OB500                    | PVCX-OB                                                   | -45.0*                         |
| S-324.                                                                        | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                                                | LRF-M, LRF-XF or OB500                    | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)          | -60.0                          |
| S-325.                                                                        | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                                                                                                        | LRF-M, LRF-XF or OB500                    | PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)          | -60.0                          |
| S-326.                                                                        | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                      | LRF-M, LRF-XF or OB500                    | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.) or PVCX-OB | -67.5                          |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                                     |                                                                    |                                                                                |                           |                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                                           |                                |
| S-327.                                                                        | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft <sup>2</sup> | One or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M or SBS-AA                                                               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN followed by optional min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt                               | PVCF-HA                                                   | -45.0*                         |



**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br><a href="#">(Note 1)</a>    | Thermal Barrier                                             |                                                                       |                           | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                                                                  |                                         | Roof Cover<br><a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|-------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|------------------------------|
|            |                                     | Type                                                        | Fasten <a href="#">(Note 11)</a>                                      | Attach                    |                                                                                                                                                                   | Type                                                                                                                                                                                                                                                 | Attach<br><a href="#">(Notes 6,7,8)</a> |                                         |                              |
| S-328.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                                 | OB500                                   | PVCF-WB                                 | -45.0*                       |
| S-329.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                   | OB500                                   | PVCF-WB                                 | -45.0*                       |
| S-330.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                                 | OB500                                   | PVCF-LM or PVCF-LO, 12-inch o.c.        | -45.0*                       |
| S-331.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                     | OB500                                   | PVCF-LM or PVCF-LO, 12-inch o.c.        | -45.0*                       |
| S-332.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                      | OB500                                   | PVCF-LM, 12-inch o.c.                   | -45.0*                       |
| S-333.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board              | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 2.7 ft <sup>2</sup> | SBS-SA                                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime                                                                       | OB500                                   | PVCF-LO, 12-inch o.c.                   | -45.0*                       |
| S-334.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                  | PVCF-WB                                 | -45.0*                       |
| S-335.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used) | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                  | PVCF-WB                                 | -45.0*                       |



**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br><a href="#">(Note 1)</a>    | Thermal Barrier                                             |                                                                              |                           | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                                                                                               |                                         | Roof Cover<br><a href="#">(Note 15)</a>                            | MDP<br><a href="#">(psf)</a> |
|------------|-------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------|------------------------------|
|            |                                     | Type                                                        | Fasten <a href="#">(Note 11)</a>                                             | Attach                    |                                                                                                                                                                   | Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Attach<br><a href="#">(Notes 6,7,8)</a> |                                                                    |                              |
| S-336.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                  | PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                       |
| S-337.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                 | LRF-M, LRF-XF or OB500                  | PVCF-LM (12-inch o.c.) or PVCF-XF                                  | -45.0*                       |
| S-338.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                  | PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                       |
| S-339.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                 | LRF-M, LRF-XF or OB500                  | PVCF-LM (12-inch o.c.) or PVCF-XF                                  | -45.0*                       |
| S-340.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                 | LRF-M, LRF-XF or OB500                  | PVCF-WB                                                            | -52.5                        |
| S-341.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                     | LRF-M, LRF-XF or OB500                  | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)                     | -52.5                        |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br><a href="#">(Note 1)</a>    | Thermal Barrier                                             |                                                                              |                           | Vapor Barrier                                                                                                                  | Insulation Layer(s)                                                                                                                                                                                                                                                                                                                                                           |                                         | Roof Cover<br><a href="#">(Note 15)</a>          | MDP<br><a href="#">(psf)</a> |
|------------|-------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|------------------------------|
|            |                                     | Type                                                        | Fasten <a href="#">(Note 11)</a>                                             | Attach                    |                                                                                                                                | Type                                                                                                                                                                                                                                                                                                                                                                          | Attach<br><a href="#">(Notes 6,7,8)</a> |                                                  |                              |
| S-342.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M, LRF-XF or OB500                  | PVCF-XF                                          | -52.5                        |
| S-343.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                     | LRF-M, LRF-XF or OB500                  | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0                        |
| S-344.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-M, LRF-XF or OB500                  | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -60.0                        |
| S-345.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation                                                                                                                                                                                                       | LRF-M, LRF-XF or OB500                  | PVCF-XF or PVCF-OB                               | -60.0                        |
| S-346.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-M, LRF-XF or OB500                  | PVCF-WB                                          | -67.5                        |
| S-347.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation                                                                                                                                                                                                                                             | LRF-M, LRF-XF or OB500                  | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -67.5                        |
| S-348.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-M, LRF-XF or OB500                  | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)   | -67.5                        |

**TABLE 2d: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                             |                                                                                |                           | Vapor Barrier                                                                                                                  | Insulation Layer(s)                                                                                                                                                                                                                 |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|------------|-------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|            |                                     | Type                                                        | Fasten ( <a href="#">Note 11</a> )                                             | Attach                    |                                                                                                                                | Type                                                                                                                                                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| S-349.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                    | PVCF-XF                                   | -67.5        |

**TABLE 2e: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED BASE PLY, BONDED CAP PLY**

| System No.                | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                                    |                                       |               | Vapor Barrier                                                                                       | Insulation Layer(s)                                                                                                                                                                                |                                           | Roof Cover ( <a href="#">Note 15</a> )                                           |                                  | <a href="#">MDP</a><br>( <a href="#">psf</a> ) |
|---------------------------|-------------------------------------|--------------------------------------------------------------------|---------------------------------------|---------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
|                           |                                     | Type                                                               | Fasten<br>( <a href="#">Note 11</a> ) | Attach        |                                                                                                     | Type                                                                                                                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                                                                         | Cap Ply                          |                                                |
| ASPHALT-APPLIED BASE PLY: |                                     |                                                                    |                                       |               |                                                                                                     |                                                                                                                                                                                                    |                                           |                                                                                  |                                  |                                                |
| S-350.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                | 1 per 4.0 ft² | One or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M or SBS-AA | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt                               | SBS-AA                                                                           | PVCF-HA                          | -45.0*                                         |
| S-351.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                | 1 per 4.0 ft² | One or two plies GAFGLAS Ply 4, GAFGLAS Ply 4 M, GAFGLAS FlexPly 6 or GAFGLAS FlexPly 6 M or SBS-AA | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN                                                                               | hot asphalt                               | GAFGLAS Stratavent Perforated Venting Base Sheet / loose laid followed by SBS-AA | PVCF-HA                          | -45.0*                                         |
| TORCH-APPLIED BASE PLY:   |                                     |                                                                    |                                       |               |                                                                                                     |                                                                                                                                                                                                    |                                           |                                                                                  |                                  |                                                |
| S-352.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                | 1 per 4.0 ft² | SBS-TA                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M or OB500                            | SBS-TA                                                                           | PVCF-LM or PVCF-LO, 12-inch o.c. | -45.0*                                         |
| S-353.                    | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                | 1 per 4.0 ft² | SBS-TA                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                 | LRF-XF                                    | SBS-TA                                                                           | PVCF-LM or PVCF-LO, 12-inch o.c. | -45.0*                                         |

**TABLE 2E: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED BASE PLY, BONDED CAP PLY**

| System No. | Deck<br>( <a href="#">Note 1</a> )  | Thermal Barrier                                                    |                                                                                |                           | Vapor Barrier                                                                                                                                                     | Insulation Layer(s)                                                                                                                                                                                                                                   |                                           | Roof Cover ( <a href="#">Note 15</a> ) |                                                                    | MDP<br>( <a href="#">psf</a> ) |
|------------|-------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------------------------------------------------------|--------------------------------|
|            |                                     | Type                                                               | Fasten<br>( <a href="#">Note 11</a> )                                          | Attach                    |                                                                                                                                                                   | Type                                                                                                                                                                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Base Ply                               | Cap Ply                                                            |                                |
| S-354.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft <sup>2</sup> | SBS-TA                                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M or OB500                            | SBS-TA                                 | PVCF-XF or PVCF-OB                                                 | -45.0*                         |
| S-355.     | Min. 22 ga., Type B, Grade 33 steel | Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                         | 1 per 4.0 ft <sup>2</sup> | SBS-TA                                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                    | LRF-XF                                    | SBS-TA                                 | PVCF-XF or PVCF-OB                                                 | -45.0*                         |
| S-356.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                       | LRF-M or OB500                            | SBS-TA                                 | PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                         |
| S-357.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard RN followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                       | LRF-M or OB500                            | SBS-TA                                 | PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                         |
| S-358.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive, EverGuard TPO Quick Spray Adhesive LV50 or Matrix 307 Premium Asphalt Primer followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                    | SBS-TA                                 | PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                         |
| S-359.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 4.0 ft <sup>2</sup> | GAF SA Vapor Retarder XL, self-adhering                                                                                                                           | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                    | SBS-TA                                 | PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                         |
| S-360.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board        | Note 2<br>( <i>Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used</i> ) | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder                                    | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500                    | SBS-TA                                 | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) or PVCF-XF        | -60.0                          |

**TABLE 2E: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF)**
**SYSTEM TYPE B-2: MECHANICALLY ATTACHED THERMAL BARRIER, BONDED VAPOR BARRIER, BONDED TOP INSULATION, BONDED BASE PLY, BONDED CAP PLY**

| System No. | Deck <a href="#">(Note 1)</a>       | Thermal Barrier                                             |                                                                              |                           | Vapor Barrier                                                                                                                  | Insulation Layer(s)                                                                                                                                                                                                                                   |                                      | Roof Cover <a href="#">(Note 15)</a> |                                                           | MDP <a href="#">(psf)</a> |
|------------|-------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|-----------------------------------------------------------|---------------------------|
|            |                                     | Type                                                        | Fasten <a href="#">(Note 11)</a>                                             | Attach                    |                                                                                                                                | Type                                                                                                                                                                                                                                                  | Attach <a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                                   |                           |
| S-361.     | Min. 22 ga., Type B, Grade 33 steel | 0.5-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | Note 2<br><i>(Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) may be used)</i> | 1 per 2.0 ft <sup>2</sup> | GAF SA Primer, EverGuard TPO Quick Spray Adhesive or EverGuard TPO Quick Spray Adhesive LV50 followed by GAF SA Vapor Retarder | One or more layers, base layer min. 1-inch thick, optional subsequent layer(s) min. 1.5-inch thick EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M, LRF-XF or OB500               | SBS-TA                               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) or PVCF-XF | -67.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                             | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                                                                                                                             |                                                                                                                                            |               | Roof Cover <a href="#">(Note 15)</a> | <a href="#">MDP (psf)</a> |
|--------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------|---------------------------|
|                                                        |                                                                           |                                                 | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                           | Attach        |                                      |                           |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                                                           |                                                 |                                                                                                                                                                  |                                                                                                                                            |               |                                      |                           |
| S-362.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                   | Note 2                                                                                                                                     | 1 per 3.2 ft² | PVC1-BA                              | -30.0*                    |
| S-363.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Note 2; 6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 5.3 ft² | PVC1-BA                              | -30.0*                    |
| S-364.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                   | Note 2                                                                                                                                     | 1 per 2.7 ft² | PVC1-BA                              | -37.5*                    |
| S-365.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                     | 1 per 2.7 ft² | PVC1-BA                              | -37.5*                    |
| S-366.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                   | Note 2                                                                                                                                     | 1 per 2.0 ft² | PVC1-BA                              | -45.0*                    |
| S-367.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                     | 1 per 2.0 ft² | PVC1-BA                              | -45.0*                    |
| S-368.                                                 | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                     | Note 2                                                                                                                                     | 1 per 4.0 ft² | PVC1-BA                              | -45.0*                    |



**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

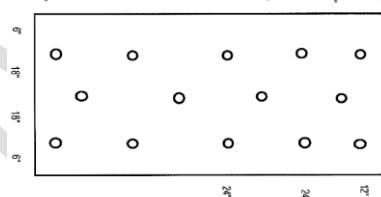
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>    | Top Insulation Layer                                                                                                                                             |                                                                                                                                            |                                                          | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                    | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                           | Attach                                                   |                                      |                           |
| S-369.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Note 2; 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup>                                | PVC1-BA                              | -45.0*                    |
| S-370.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination     | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2<br>                                              | 1 per 2.3 ft <sup>2</sup><br>(14 parts per 4x8 ft board) | PVC1-BA                              | -45.0                     |
| S-371.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 0.25-inch DensDeck Prime                                                                                                                                    | Note 2                                                                                                                                     | 1 per 2.0 ft <sup>2</sup>                                | PVC1-BA                              | -45.0*                    |
| S-372.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 0.5-inch DensDeck Prime                                                                                                                                     | Note 2                                                                                                                                     | 1 per 3.2 ft <sup>2</sup>                                | PVC1-BA                              | -45.0*                    |
| S-373.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 0.625-inch DensDeck Prime                                                                                                                                   | Note 2                                                                                                                                     | 1 per 4.0 ft <sup>2</sup>                                | PVC1-BA                              | -45.0*                    |
| S-374.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                                                                                                                                     | 1 per 2.0 ft <sup>2</sup>                                | PVC1-BA                              | -45.0*                    |
| S-375.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                | Note 2                                                                                                                                     | 1 per 2.0 ft <sup>2</sup>                                | PVC1-BA                              | -45.0*                    |
| S-376.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Note 2                                                                                                                                     | 1 per 1.8 ft <sup>2</sup>                                | PVC1-BA                              | -60.0                     |
| S-377.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard RH                                                                                                                                       | Note 2                                                                                                                                     | 1 per 1.8 ft <sup>2</sup>                                | PVC1-BA                              | -67.5                     |



**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

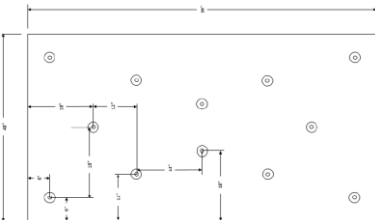
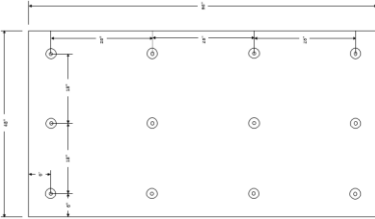
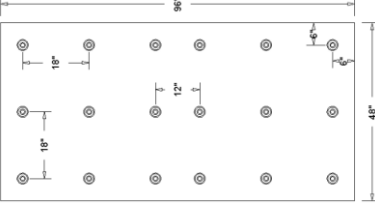
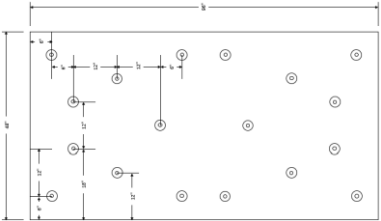
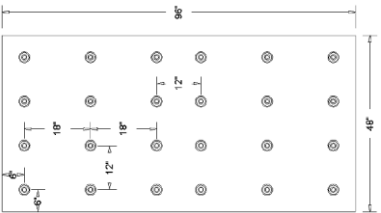
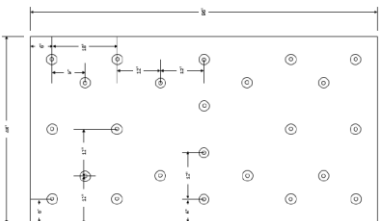
| System No. | Deck <a href="#">(Note 1)</a>          | Base Insulation Layer <a href="#">(Note 13)</a>             | Top Insulation Layer                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|----------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|---------------------------|
|            |                                        |                                                             | Type                                                                                                                                                                               | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                             | Attach                     |                                      |                           |
| S-378.     | Min. 22 ga., Type B, Grade 33 steel    | (Optional) One or more layers, min. 1.5-inch top insulation | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation or EnergyGuard RA | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate | 1 per 1.45 ft <sup>2</sup> | PVC1-BA                              | -82.5                     |
| S-379.     | Min. 22 ga., Type B, min. 55 ksi steel | One or more layers, any combination, min. 1-inch            | Min. 0.625-inch DensDeck StormX Prime                                                                                                                                              | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                                                             | 1 per 2.7 ft <sup>2</sup>  | PVC1-BA                              | -82.5                     |
| S-380.     | Min. 22 ga., Type B, min. 55 ksi steel | One or more layers, any combination, min. 1-inch            | Min. 0.625-inch DensDeck StormX Prime                                                                                                                                              | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                                                            | 1 per 2.7 ft <sup>2</sup>  | PVC1-BA                              | -82.5                     |
| S-381.     | Min. 22 ga., Type B, min. 55 ksi steel | One or more layers, any combination, min. 1-inch            | Min. 0.625-inch DensDeck StormX Prime                                                                                                                                              | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                                                           | 1 per 1.8 ft <sup>2</sup>  | PVC1-BA                              | -97.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>                                    | Top Insulation Layer                  |                                                                                                                                                                                                                                                                                                                                                                                                               |                           | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                                                    | Type                                  | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                              | Attach                    |                                      |                           |
| S-382.     | Min. 22 ga., Type B, Grade 80 steel or min. 2,500 psi structural concrete | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Min. 0.5-inch DensDeck Prime          | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.0 ft <sup>2</sup> | PVC1-BA                              | -127.5                    |
| S-383.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                              | 1 per 1.8 ft <sup>2</sup> | PVC1-BA                              | -127.5                    |
| S-384.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                             | 1 per 1.3 ft <sup>2</sup> | PVC1-BA                              | -135.0                    |
| S-385.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                            | 1 per 1.3 ft <sup>2</sup> | PVC1-BA                              | -142.5                    |

EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                 |                           | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                  | Type                                                                                                                                                                                                                                                 | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                | Attach                    |                                      |                           |
| S-386.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                       | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 5.3 ft <sup>2</sup> | PVC2-BA                              | -30.0*                    |
| S-387.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                       | Note 2; 6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                      | 1 per 5.3 ft <sup>2</sup> | PVC2-BA                              | -30.0*                    |
| S-388.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                    | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 4.0 ft <sup>2</sup> | PVC2-BA                              | -30.0*                    |
| S-389.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                                                                                                                       | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 3.2 ft <sup>2</sup> | PVC2-BA                              | -30.0*                    |
| S-390.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                            | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 3.2 ft <sup>2</sup> | PVC2-BA                              | -30.0*                    |
| S-391.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                   | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.7 ft <sup>2</sup> | PVC2-BA                              | -37.5*                    |
| S-392.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                                          | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.7 ft <sup>2</sup> | PVC2-BA                              | -37.5*                    |
| S-393.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                      | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.7 ft <sup>2</sup> | PVC2-BA                              | -37.5*                    |
| S-394.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                                                                                                       | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate | 1 per 2.7 ft <sup>2</sup> | PVC2-BA                              | -37.5*                    |
| S-395.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN or Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 4.0 ft <sup>2</sup> | PVC2-BA                              | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

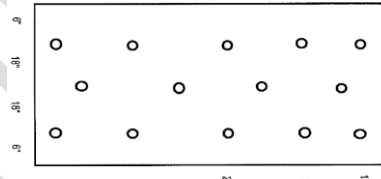
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                 |                                                       | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                 | Type                                                                                                                                                                                                                                                                                                                                                                                 | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                | Attach                                                |                                      |                           |
| S-396.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                                                                                                                     | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 3.2 ft <sup>2</sup>                             | PVC2-BA                              | -45.0*                    |
| S-397.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.5-inch DensDeck Prime                                                                                                                                                                                                                                                                                                                                                         | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 3.2 ft <sup>2</sup>                             | PVC2-BA                              | -45.0*                    |
| S-398.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination  | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                                                                                     | Note 2<br>                                                                                                                                                                                                                                   | 1 per 2.3 ft <sup>2</sup> (14 parts per 4x8 ft board) | PVC2-BA                              | -45.0                     |
| S-399.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                                                                                       | Note 2; 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                      | 1 per 4.0 ft <sup>2</sup>                             | PVC2-BA                              | -45.0*                    |
| S-400.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                                                                                                        | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate only</i> )                                                                                                                                                                                                                                                                        | 1 per 2.7 ft <sup>2</sup>                             | PVC2-BA                              | -45.0*                    |
| S-401.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                                                                                                        | Note 2 ( <i>Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> )                                                                                                                                                                                                             | 1 per 2.13 ft <sup>2</sup>                            | PVC2-BA                              | -45.0*                    |
| S-402.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.375-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                                                                                                                                                                                                                                      | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate | 1 per 2.7 ft <sup>2</sup>                             | PVC2-BA                              | -45.0*                    |
| S-403.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.0 ft <sup>2</sup>                             | PVC2-BA                              | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>    | Top Insulation Layer                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                 |                            | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                    | Type                                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                | Attach                     |                                      |                           |
| S-404.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                 | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 2.7 ft <sup>2</sup>  | PVC2-BA                              | -52.5                     |
| S-405.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                              | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.8 ft <sup>2</sup>  | PVC2-BA                              | -52.5                     |
| S-406.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch   | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                                 | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.3 ft <sup>2</sup>  | PVC2-BA                              | -52.5                     |
| S-407.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                    | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.45 ft <sup>2</sup> | PVC2-BA                              | -52.5                     |
| S-408.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.8 ft <sup>2</sup>  | PVC2-BA                              | -60.0                     |
| S-409.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch   | Min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                                 | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.0 ft <sup>2</sup>  | PVC2-BA                              | -60.0                     |
| S-410.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RH | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.8 ft <sup>2</sup>  | PVC2-BA                              | -67.5                     |
| S-411.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch   | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                               | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.3 ft <sup>2</sup>  | PVC2-BA                              | -67.5                     |
| S-412.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch | Min. 0.5-inch Structodek High Density Roof Fiberboard                                                                                                                          | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.0 ft <sup>2</sup>  | PVC2-BA                              | -67.5                     |
| S-413.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch | Min. 0.25-inch DensDeck Prime                                                                                                                                                  | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 1.45 ft <sup>2</sup> | PVC2-BA                              | -75.0                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

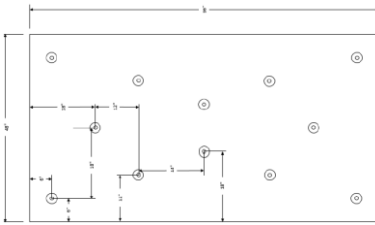
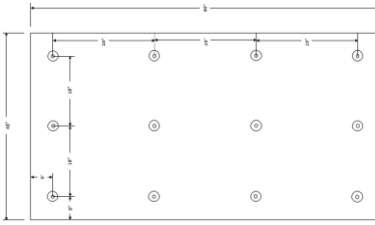
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>             | Top Insulation Layer                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                             | Type                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                             | Attach                     |                                      |                           |
| S-414.     | Min. 22 ga., Type B, Grade 33 steel                                       | (Optional) One or more layers, min. 1.5-inch top insulation | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate | 1 per 1.45 ft <sup>2</sup> | PVC2-BA                              | -82.5                     |
| S-415.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch            | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                                    | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate                                                                                                              | 1 per 1.45 ft <sup>2</sup> | PVC2-BA                              | -82.5                     |
| S-416.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch            | Min. 0.625-inch DensDeck StormX Prime                                                                                                                                            | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                                                            | 1 per 2.7 ft <sup>2</sup>  | PVC2-BA                              | -82.5                     |
| S-417.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch            | Min. 0.625-inch DensDeck StormX Prime                                                                                                                                            | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                                                           | 1 per 2.7 ft <sup>2</sup>  | PVC2-BA                              | -82.5                     |
| S-418.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch          | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                   | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.0 ft <sup>2</sup>  | PVC2-BA                              | -90.0                     |



**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

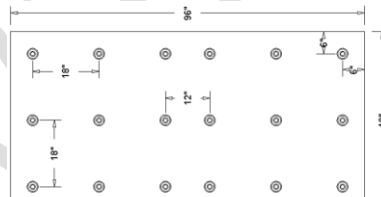
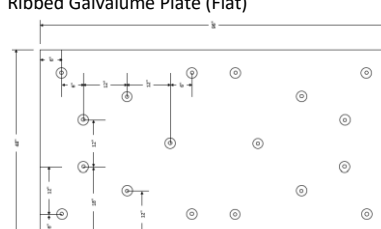
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>                                    | Top Insulation Layer                                          |                                                                                                                                                                                                                                                                                                                                                                                                               |                           | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                                                    | Type                                                          | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                              | Attach                    |                                      |                           |
| S-419.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime                         | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                              | 1 per 1.8 ft <sup>2</sup> | PVC2-BA                              | -97.5                     |
| S-420.     | Min. 22 ga., Type B, Grade 80 steel or min. 2,500 psi structural concrete | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | Min. 0.5-inch DensDeck Prime                                  | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.0 ft <sup>2</sup> | EverGuard PVC / #2331                | -127.5                    |
| S-421.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 2-inch                                   | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate                                                                               | 1 per 1.0 ft <sup>2</sup> | EverGuard PVC / #2331                | -127.5                    |
| S-422.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                                   | Min. 0.625-inch DensDeck StormX Prime                         | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                                                                                            | 1 per 1.8 ft <sup>2</sup> | PVC2-BA                              | -127.5                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

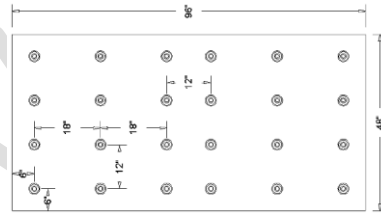
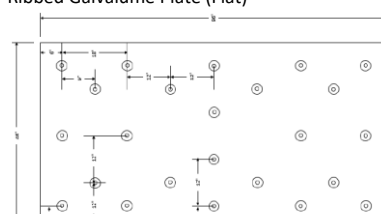
| System No.                                                            | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>    | Top Insulation Layer                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                 |               | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------|---------------------------|
|                                                                       |                                                                           |                                                    | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                | Attach        |                                      |                           |
| S-423.                                                                | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch   | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                                | 1 per 1.3 ft² | PVC2-BA                              | -135.0                    |
| S-424.                                                                | Min. 22 ga., Type B, Grade 80 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                                  | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec XHD Fastener (steel only), Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only), Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener (steel only) with Drill-Tec 3" Standard Steel Plate or Drill-Tec 3" Flat Steel Plate | 1 per 1.0 ft² | EverGuard PVC / #2331                | -142.5                    |
| S-425.                                                                | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch   | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>                                                                                                                                                               | 1 per 1.3 ft² | PVC2-BA                              | -142.5                    |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                           |                                                    |                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                 |               |                                      |                           |
| S-426.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2<br>6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft. edges of the board                                                                                                                                                                                   | 1 per 5.3 ft² | PVC2-QL                              | -30.0*                    |
| S-427.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                              | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 4.0 ft² | PVC2-QL                              | -30.0*                    |
| S-428.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 1.5-inch EnergyGuard RA                                                                                                                                   | Note 2                                                                                                                                                                                                                                                                                                                          | 1 per 3.2 ft² | PVC2-QL                              | -30.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

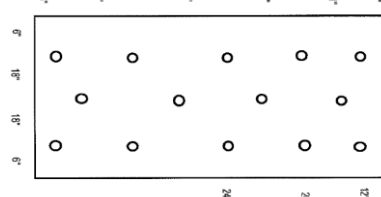
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                                                                                                                                             |                                                                                                                                              |                                                          | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                 | Type                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach                                                   |                                      |                           |
| S-429.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>                                | PVC2-QL                              | -30.0*                    |
| S-430.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation, EnergyGuard RA | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>                                | PVC2-QL                              | -37.5*                    |
| S-431.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>                                | PVC2-QL                              | -37.5*                    |
| S-432.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                  | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>                                | PVC2-QL                              | -37.5*                    |
| S-433.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard RA or Min. 0.625-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                 | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup>                                | PVC2-QL                              | -45.0*                    |
| S-434.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                 | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>                                | PVC2-QL                              | -45.0*                    |
| S-435.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.5-inch DensDeck Prime                                                                                                                                                     | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>                                | PVC2-QL                              | -45.0*                    |
| S-436.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination  | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Note 2<br>                                              | 1 per 2.3 ft <sup>2</sup><br>(14 parts per 4x8 ft board) | PVC2-QL                              | -45.0                     |
| S-437.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup>                                | PVC2-QL                              | -45.0*                    |
| S-438.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.25-inch DensDeck Prime                                                                                                                                                    | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate only</i> )                                                                                     | 1 per 2.7 ft <sup>2</sup>                                | PVC2-QL                              | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>             | Top Insulation Layer                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                             | Type                                                                                                                                                                                                                                                                                                                                                 | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                             | Attach                     |                                      |                           |
| S-439.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                                                                        | Note 2 ( <i>Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> )                                                                                                                                                                                                                                                                                                                          | 1 per 2.13 ft <sup>2</sup> | PVC2-QL                              | -45.0*                    |
| S-440.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 1.5-inch EnergyGuard Polyiso Insulation, , EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA, Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 2.0 ft <sup>2</sup>  | PVC2-QL                              | -45.0*                    |
| S-441.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                    | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft <sup>2</sup>  | PVC2-QL                              | -52.5                     |
| S-442.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board                                                                                                                                                                                                                                | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup> | PVC2-QL                              | -60.0                     |
| S-443.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                                                       | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft <sup>2</sup>  | PVC2-QL                              | -67.5                     |
| S-444.     | Min. 22 ga., Type B, Grade 33 steel                                       | (Optional) One or more layers, min. 1.5-inch top insulation | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA                                                                                                                                                                     | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate | 1 per 1.45 ft <sup>2</sup> | PVC2-QL                              | -82.5                     |
| S-445.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                                                       | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup> | PVC2-QL                              | -82.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

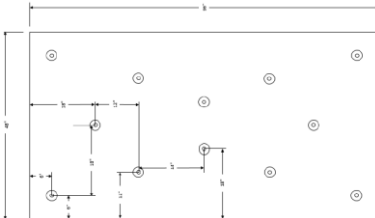
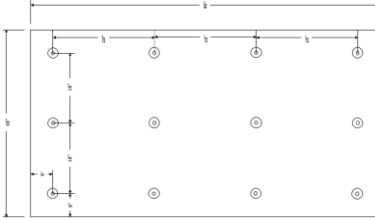
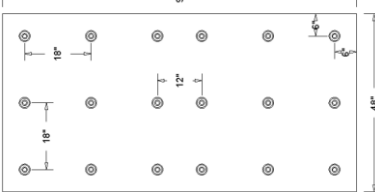
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                                                                                                                                           |                                                                                                                                                                    |                            | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                  | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                   | Attach                     |                                      |                           |
| S-446.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 2.7 ft <sup>2</sup>  | PVC2-QL                              | -82.5                     |
| S-447.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 2.7 ft <sup>2</sup>  | PVC2-QL                              | -82.5                     |
| S-448.     | Min. 22 ga., Type B, Grade 40 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                                             | 1 per 1.45 ft <sup>2</sup> | PVC2-QL                              | -90.0                     |
| S-449.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.8 ft <sup>2</sup>  | PVC2-QL                              | -97.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

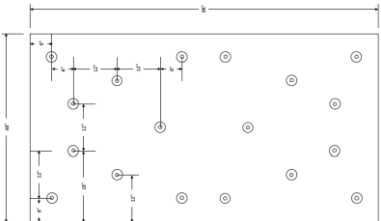
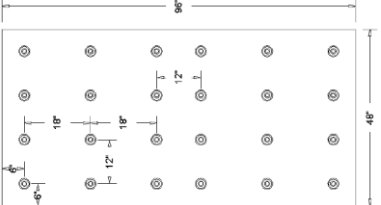
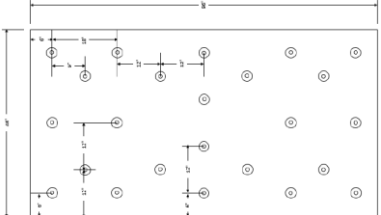
| System No.                                                                        | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                                                                                                                                           |                                                                                                                                                                    |               | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------|---------------------------|
|                                                                                   |                                                                           |                                                  | Type                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                                                                                                   | Attach        |                                      |                           |
| S-450.                                                                            | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 1.8 ft² | PVC2-QL                              | -127.5                    |
| S-451.                                                                            | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 1.3 ft² | PVC2-QL                              | -135.0                    |
| S-452.                                                                            | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime                                                                                                                          | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.3 ft² | PVC2-QL                              | -142.5                    |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                                                           |                                                  |                                                                                                                                                                |                                                                                                                                                                    |               |                                      |                           |
| S-453.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2; 6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                         | 1 per 5.3 ft² | PVC1-QS or PVC2-QS                   | -30.0*                    |
| S-454.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch DensDeck Prime                                                                                                                                  | Note 2                                                                                                                                                             | 1 per 4.0 ft² | PVC1-QS or PVC2-QS                   | -30.0*                    |



**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

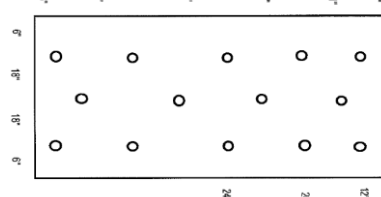
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                                                                                                                                             |                                                                                                                                              |                                                          | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                 | Type                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach                                                   |                                      |                           |
| S-455.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard RA                                                                                                                                                     | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>                                | PVC1-QS or PVC2-QS                   | -30.0*                    |
| S-456.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>                                | PVC1-QS or PVC2-QS                   | -30.0*                    |
| S-457.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>                                | PVC1-QS or PVC2-QS                   | -37.5*                    |
| S-458.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>                                | PVC1-QS or PVC2-QS                   | -37.5*                    |
| S-459.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard RA or Min. 0.625-inch DensDeck Prime                                                                                                                     | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup>                                | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-460.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                 | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>                                | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-461.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.5-inch DensDeck Prime                                                                                                                                                     | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>                                | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-462.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination  | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Note 2<br>                                              | 1 per 2.3 ft <sup>2</sup><br>(14 parts per 4x8 ft board) | PVC1-QS or PVC2-QS                   | -45.0                     |
| S-463.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup>                                | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-464.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.25-inch DensDeck Prime                                                                                                                                                    | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate only</i> )                                                                                     | 1 per 2.7 ft <sup>2</sup>                                | PVC1-QS or PVC2-QS                   | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                              | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>             | Top Insulation Layer                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|---------------------------|
|                                                                         |                                                                           |                                                             | Type                                                                                                                                                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                                                                                                                                             | Attach                     |                                      |                           |
| S-465.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                                    | Note 2 ( <i>Drill-Tec 3" Steel Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> )                                                                                                                                                                                                                                                                                                                          | 1 per 2.13 ft <sup>2</sup> | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-466.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 1.5-inch EnergyGuard Polyiso Insulation, , EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA, Min. 0.25-inch DensDeck Prime or Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 2.0 ft <sup>2</sup>  | PVC1-QS or PVC2-QS                   | -45.0*                    |
| S-467.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch            | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                                    | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft <sup>2</sup>  | PVC1-QS or PVC2-QS                   | -52.5                     |
| S-468.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                         | Min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                                                                     | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup> | PVC1-QS or PVC2-QS                   | -60.0                     |
| S-469.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                   | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.8 ft <sup>2</sup>  | PVC1-QS or PVC2-QS                   | -67.5                     |
| S-470.                                                                  | Min. 22 ga., Type B, Grade 33 steel                                       | (Optional) One or more layers, min. 1.5-inch top insulation | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA                                                                                                                                 | Drill-Tec #12 Fastener, Drill-Tec #14 Fastener, Drill-Tec XHD Fastener, Drill-Tec #12 DP Fastener, Drill-Tec #12 DPH Fastener, Drill-Tec #14 HD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 3" Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec 3" Standard Steel Plate, Drill-Tec AccuTrac Flat Plate, Drill-Tec AccuTrac Recessed Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate | 1 per 1.45 ft <sup>2</sup> | PVC1-QS or PVC2-QS                   | -82.5                     |
| S-471.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                   | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup> | PVC1-QS or PVC2-QS                   | -82.5                     |
| S-472.                                                                  | Min. 22 ga., Type B, Grade 40 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                   | Note 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup> | PVC1-QS or PVC2-QS                   | -90.0                     |
| <b>EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                           |                                                             |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            |                                      |                           |
| S-473.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination              | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                                   | Note 2<br>6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board                                                                                                                                                                                                                                                                                                 | 1 per 5.3 ft <sup>2</sup>  | PVCX-WB                              | -30.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                      | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>    | Top Insulation Layer                                                                                                                                             |                                                                                                                                              |                           | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|---------------------------|
|                                                                                 |                                                                           |                                                    | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach                    |                                      |                           |
| S-474.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup> | PVCX-WB                              | -37.5*                    |
| S-475.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                       | 1 per 2.0 ft <sup>2</sup> | PVCX-WB                              | -45.0*                    |
| S-476.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup> | PVCX-WB                              | -45.0*                    |
| S-477.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                | Note 2                                                                                                                                       | 1 per 2.0 ft <sup>2</sup> | PVCX-WB                              | -45.0*                    |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN HOT ASPHALT:</b> |                                                                           |                                                    |                                                                                                                                                                  |                                                                                                                                              |                           |                                      |                           |
| S-478.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                   | Note 2                                                                                                                                       | 1 per 5.3 ft <sup>2</sup> | PVCF-HA                              | -30.0*                    |
| S-479.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                      | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup> | PVCF-HA                              | -30.0*                    |
| S-480.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup> | PVCF-HA                              | -30.0*                    |
| S-481.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                      | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup> | PVCF-HA                              | -37.5*                    |
| S-482.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                 | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup> | PVCF-HA                              | -45.0*                    |
| S-483.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup> | PVCF-HA                              | -45.0*                    |
| S-484.                                                                          | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup> | PVCF-HA                              | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                                                                                                                                                                               |                                                                                                                                               |                            | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|---------------------------|
|                                                                                                      |                                                                           |                                                  | Type                                                                                                                                                                                               | Fasten <a href="#">(Note 11)</a>                                                                                                              | Attach                     |                                      |                           |
| S-485.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 0.25-inch DensDeck Prime                                                                                                                                                                      | Note 2                                                                                                                                        | 1 per 1.8 ft <sup>2</sup>  | PVCF-HA                              | -45.0*                    |
| S-486.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                     | Note 2                                                                                                                                        | 1 per 2.7 ft <sup>2</sup>  | PVCF-HA                              | -52.5                     |
| S-487.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation          | Note 2                                                                                                                                        | 1 per 1.45 ft <sup>2</sup> | PVCF-HA                              | -52.5                     |
| S-488.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RH                     | Note 2                                                                                                                                        | 1 per 1.8 ft <sup>2</sup>  | PVCF-HA                              | -67.5                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                           |                                                  |                                                                                                                                                                                                    |                                                                                                                                               |                            |                                      |                           |
| S-489.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                     | Note 2                                                                                                                                        | 1 per 5.3 ft <sup>2</sup>  | PVCF-WB                              | -30.0*                    |
| S-490.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                     | Note 2<br>6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft. edges of the board | 1 per 5.3 ft <sup>2</sup>  | PVCF-WB                              | -30.0*                    |
| S-491.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                  | Note 2                                                                                                                                        | 1 per 4.0 ft <sup>2</sup>  | PVCF-WB                              | -30.0*                    |
| S-492.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                                                                                                     | Note 2                                                                                                                                        | 1 per 3.2 ft <sup>2</sup>  | PVCF-WB                              | -30.0*                    |
| S-493.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                        | Note 2                                                                                                                                        | 1 per 3.2 ft <sup>2</sup>  | PVCF-WB                              | -30.0*                    |
| S-494.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN | Note 2                                                                                                                                        | 1 per 2.7 ft <sup>2</sup>  | PVCF-WB                              | -37.5*                    |
| S-495.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                        | Note 2                                                                                                                                        | 1 per 2.7 ft <sup>2</sup>  | PVCF-WB                              | -37.5*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                              | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                                                                                                                                                                               |                                                                                                                                              |                           | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|---------------------------|
|                                                                         |                                                                           |                                                  | Type                                                                                                                                                                                               | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach                    |                                      |                           |
| S-496.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                   | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup> | PVCF-WB                              | -45.0*                    |
| S-497.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                   | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup> | PVCF-WB                              | -45.0*                    |
| S-498.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup> | PVCF-WB                              | -45.0*                    |
| S-499.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                     | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup> | PVCF-WB                              | -45.0*                    |
| S-500.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN | Note 2                                                                                                                                       | 1 per 2.0 ft <sup>2</sup> | PVCF-WB                              | -45.0*                    |
| S-501.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | Note 2                                                                                                                                       | 1 per 1.8 ft <sup>2</sup> | PVCF-WB                              | -52.5                     |
| S-502.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                   | Note 2                                                                                                                                       | 1 per 1.3 ft <sup>2</sup> | PVCF-WB                              | -67.5                     |
| <b>EVERGUARD PVC XK FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                           |                                                  |                                                                                                                                                                                                    |                                                                                                                                              |                           |                                      |                           |
| S-503.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                     | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup> | PVCX-LM or PVCX-LO, 12-inch o.c.     | -30.0*                    |
| S-504.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard RH or EnergyGuard RN                                                                                                                                                       | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup> | PVCX-LM or PVCX-LO, 12-inch o.c.     | -37.5*                    |
| S-505.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH or EnergyGuard RN   | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup> | PVCX-LM or PVCX-LO, 12-inch o.c.     | -37.5*                    |
| S-506.                                                                  | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH or EnergyGuard RN   | Note 2                                                                                                                                       | 1 per 2.0 ft <sup>2</sup> | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

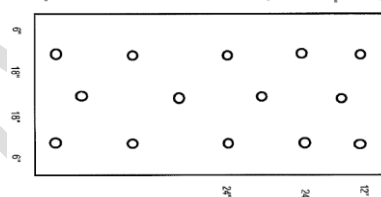
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>    | Top Insulation Layer                                                                                                                                                                           |                                                                                               |                                                       | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                    | Type                                                                                                                                                                                           | Fasten <a href="#">(Note 11)</a>                                                              | Attach                                                |                                      |                           |
| S-507.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH or EnergyGuard RN | Note 2                                                                                        | 1 per 2.9 ft <sup>2</sup>                             | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0*                    |
| S-508.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination     | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | Note 2<br> | 1 per 2.3 ft <sup>2</sup> (14 parts per 4x8 ft board) | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0                     |
| S-509.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | Note 2                                                                                        | 1 per 1.3 ft <sup>2</sup>                             | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                     |
| S-510.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch | Min. 0.25-inch DensDeck Prime                                                                                                                                                                  | Note 2                                                                                        | 1 per 2.0 ft <sup>2</sup>                             | PVCX-LM, 12-inch o.c.                | -37.5*                    |
| S-511.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch | Min. 0.25-inch DensDeck Prime                                                                                                                                                                  | Note 2                                                                                        | 1 per 2.0 ft <sup>2</sup>                             | PVCX-LO, 12-inch o.c.                | -45.0*                    |
| S-512.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1.5-inch | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                | Note 2                                                                                        | 1 per 2.0 ft <sup>2</sup>                             | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0*                    |
| S-513.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 1.5-inch EnergyGuard RH or EnergyGuard RN                                                                                                                                                 | Note 2                                                                                        | 1 per 2.0 ft <sup>2</sup>                             | PVCX-LM or PVCX-LO, 4-inch o.c.      | -45.0*                    |
| S-514.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 2-inch EnergyGuard RH or EnergyGuard RN                                                                                                                                                   | Note 2                                                                                        | 1 per 2.9 ft <sup>2</sup>                             | PVCX-LM or PVCX-LO, 4-inch o.c.      | -45.0*                    |
| S-515.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 1.5-inch EnergyGuard RH or EnergyGuard RN                                                                                                                                                 | Note 2                                                                                        | 1 per 1.3 ft <sup>2</sup>                             | PVCX-LM or PVCX-LO, 4-inch o.c.      | -60.0                     |
| S-516.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination     | Min. 0.25-inch DensDeck Prime                                                                                                                                                                  | Note 2                                                                                        | 1 per 2.0 ft <sup>2</sup>                             | PVCX-LM or PVCX-LO, 4-inch o.c.      | -45.0*                    |



**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

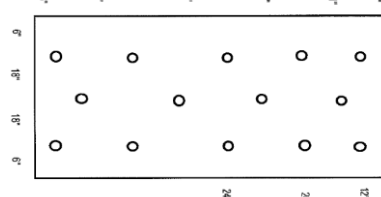
| System No.                                                                                           | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                                                                                                                                                             |                                                                                                                                                   |                                                       | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------|---------------------------|
|                                                                                                      |                                                                           |                                                 | Type                                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                  | Attach                                                |                                      |                           |
| S-517.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                 | Note 2                                                                                                                                            | 1 per 1.3 ft <sup>2</sup>                             | PVCX-LM or PVCX-LO, 4-inch o.c.      | -67.5                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                           |                                                 |                                                                                                                                                                                                  |                                                                                                                                                   |                                                       |                                      |                           |
| S-518.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                   | Note 2                                                                                                                                            | 1 per 4.0 ft <sup>2</sup>                             | PVCF-LM or PVCF-LO, 12-inch o.c.     | -30.0*                    |
| S-519.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard RA or EnergyGuard RN                                                                                                                                                     | Note 2                                                                                                                                            | 1 per 4.0 ft <sup>2</sup>                             | PVCF-LM or PVCF-LO, 12-inch o.c.     | -37.5*                    |
| S-520.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN | Note 2                                                                                                                                            | 1 per 2.7 ft <sup>2</sup>                             | PVCF-LM or PVCF-LO, 12-inch o.c.     | -37.5*                    |
| S-521.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination             | Min. 0.25-inch DensDeck Prime                                                                                                                                                                    | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate, AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> ) | 1 per 2.0 ft <sup>2</sup>                             | PVCF-LM, 12-inch o.c.                | -37.5*                    |
| S-522.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN   | Note 2                                                                                                                                            | 1 per 2.9 ft <sup>2</sup>                             | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0*                    |
| S-523.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination  | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2<br>                                                   | 1 per 2.3 ft <sup>2</sup> (14 parts per 4x8 ft board) | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0                     |
| S-524.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN | Note 2                                                                                                                                            | 1 per 2.0 ft <sup>2</sup>                             | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0*                    |
| S-525.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination             | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                      | Note 2                                                                                                                                            | 1 per 2.0 ft <sup>2</sup>                             | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                                                                                                                                                 |                                                                                                                                                   |                           | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                  | Type                                                                                                                                                                 | Fasten <a href="#">(Note 11)</a>                                                                                                                  | Attach                    |                                      |                           |
| S-526.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.25-inch DensDeck Prime                                                                                                                                        | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate, AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> ) | 1 per 2.0 ft <sup>2</sup> | PVCF-LO, 12-inch o.c.                | -45.0*                    |
| S-527.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                      | Note 2 ( <i>Drill-Tec 3" Standard Steel Plate, AccuTrac Flat Plate, Drill-Tec 3" Flat Steel Plate or Drill-Tec 3" Recessed Steel Plate only</i> ) | 1 per 2.0 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0*                    |
| S-528.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                      | Note 2                                                                                                                                            | 1 per 1.8 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 12-inch o.c.     | -52.5                     |
| S-529.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation     | Note 2                                                                                                                                            | 1 per 1.3 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 12-inch o.c.     | -60.0                     |
| S-530.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation     | Note 2                                                                                                                                            | 1 per 1.3 ft <sup>2</sup> | PVCF-LM, 12-inch o.c.                | -67.5                     |
| S-531.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                            | 1 per 5.3 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 6-inch o.c.      | -30.0*                    |
| S-532.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                    | Note 2                                                                                                                                            | 1 per 4.0 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 6-inch o.c.      | -30.0*                    |
| S-533.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                     | Note 2                                                                                                                                            | 1 per 4.0 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 6-inch o.c.      | -45.0*                    |
| S-534.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                     | Note 2                                                                                                                                            | 1 per 3.2 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 6-inch o.c.      | -45.0*                    |
| S-535.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                          | Note 2                                                                                                                                            | 1 per 3.2 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 6-inch o.c.      | -45.0*                    |
| S-536.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                    | Note 2                                                                                                                                            | 1 per 3.2 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 6-inch o.c.      | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                                                                                                                                                             |                                  |                            | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                  | Type                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a> | Attach                     |                                      |                           |
| S-537.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.5-inch EnergyGuard HD Plus Polyiso Cover Board                                                                                                                            | Note 2                           | 1 per 2.7 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 6-inch o.c.      | -45.0*                    |
| S-538.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                | Note 2                           | 1 per 4.0 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 4-inch o.c.      | -30.0*                    |
| S-539.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                 | Note 2                           | 1 per 4.0 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 4-inch o.c.      | -45.0*                    |
| S-540.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                  | Note 2                           | 1 per 3.2 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 4-inch o.c.      | -45.0*                    |
| S-541.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard RN                                                                                                                                                       | Note 2                           | 1 per 2.9 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 4-inch o.c.      | -45.0*                    |
| S-542.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard RN                                                                                                                                                     | Note 2                           | 1 per 2.0 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 4-inch o.c.      | -45.0*                    |
| S-543.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 0.25-inch DensDeck Prime                                                                                                                                                    | Note 2                           | 1 per 2.0 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 4-inch o.c.      | -45.0*                    |
| S-544.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                   | Note 2                           | 1 per 2.7 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 4-inch o.c.      | -52.5                     |
| S-545.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2                           | 1 per 1.45 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 4-inch o.c.      | -52.5                     |
| S-546.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RN | Note 2                           | 1 per 1.3 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 4-inch o.c.      | -60.0                     |
| S-547.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2                           | 1 per 1.8 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 4-inch o.c.      | -67.5                     |
| S-548.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination              | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                 | Note 2                           | 1 per 1.3 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 4-inch o.c.      | -67.5                     |

**EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:**

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

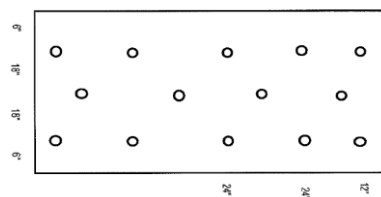
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                                                                                                                                                             |                                                                                                                                               |                                                          | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                 | Type                                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                              | Attach                                                   |                                      |                           |
| S-549.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                   | Note 2<br>6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft. edges of the board | 1 per 5.3 ft <sup>2</sup>                                | PVCX-OB                              | -30.0*                    |
| S-550.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard RH or EnergyGuard RN                                                                                                                                                     | Note 2                                                                                                                                        | 1 per 4.0 ft <sup>2</sup>                                | PVCX-OB                              | -37.5*                    |
| S-551.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH or EnergyGuard RN | Note 2                                                                                                                                        | 1 per 2.7 ft <sup>2</sup>                                | PVCX-OB                              | -37.5*                    |
| S-552.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RH or EnergyGuard RN | Note 2                                                                                                                                        | 1 per 2.0 ft <sup>2</sup>                                | PVCX-OB                              | -45.0*                    |
| S-553.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                   | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft. edges of the board | 1 per 4.0 ft <sup>2</sup>                                | PVCX-OB                              | -45.0*                    |
| S-554.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 2-inch EnergyGuard RH or EnergyGuard RN                                                                                                                                                     | Note 2                                                                                                                                        | 1 per 2.9 ft <sup>2</sup>                                | PVCX-OB                              | -45.0*                    |
| S-555.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination  | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                 | Note 2<br>                                               | 1 per 2.3 ft <sup>2</sup><br>(14 parts per 4x8 ft board) | PVCX-OB                              | -45.0                     |
| S-556.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 1.5-inch EnergyGuard RH or EnergyGuard RN                                                                                                                                                   | Note 2                                                                                                                                        | 1 per 1.3 ft <sup>2</sup>                                | PVCX-OB                              | -60.0                     |
| S-557.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.25-inch DensDeck Prime                                                                                                                                                                    | Note 2                                                                                                                                        | 1 per 2.0 ft <sup>2</sup>                                | PVCX-OB                              | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                               | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>                  | Top Insulation Layer                                                                                                                                             |                                                                                                                                              |                            | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|---------------------------|
|                                                                                          |                                                                           |                                                                  | Type                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                             | Attach                     |                                      |                           |
| S-558.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch                 | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                | Note 2                                                                                                                                       | 1 per 1.8 ft <sup>2</sup>  | PVCX-OB                              | -52.5                     |
| S-559.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                              | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                 | Note 2                                                                                                                                       | 1 per 1.3 ft <sup>2</sup>  | PVCX-OB                              | -67.5                     |
| S-560.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                 | Note 2                                                                                                                                       | 1 per 1.45 ft <sup>2</sup> | PVCX-OB                              | -82.5                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                                                           |                                                                  |                                                                                                                                                                  |                                                                                                                                              |                            |                                      |                           |
| S-561.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination                   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                   | Note 2                                                                                                                                       | 1 per 5.3 ft <sup>2</sup>  | PVCF-XF or PVCF-OB                   | -30.0*                    |
| S-562.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination                   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Note 2<br>6 parts per min. 4 x 8 ft board with parts installed 36-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 5.3 ft <sup>2</sup>  | PVCF-XF or PVCF-OB                   | -30.0*                    |
| S-563.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch                 | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup>  | PVCF-XF or PVCF-OB                   | -30.0*                    |
| S-564.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                              | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                      | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>  | PVCF-XF or PVCF-OB                   | -30.0*                    |
| S-565.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination                   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>  | PVCF-XF or PVCF-OB                   | -37.5*                    |
| S-566.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                              | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                      | Note 2                                                                                                                                       | 1 per 2.7 ft <sup>2</sup>  | PVCF-XF or PVCF-OB                   | -37.5*                    |
| S-567.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch                 | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                 | Note 2                                                                                                                                       | 1 per 4.0 ft <sup>2</sup>  | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-568.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination                   | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation                                                                                                               | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>  | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-569.                                                                                   | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch                 | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                  | Note 2                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>  | PVCF-XF or PVCF-OB                   | -45.0*                    |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

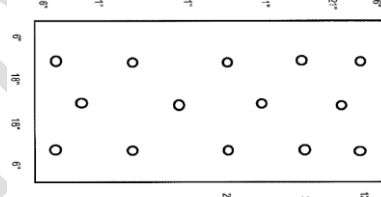
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                                                                                                                                                             |                                                                                                                                               |                                                          | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                  | Type                                                                                                                                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                              | Attach                                                   |                                      |                           |
| S-570.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2<br>8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft. edges of the board | 1 per 4.0 ft <sup>2</sup>                                | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-571.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard RN                                                                                                                                                       | Note 2                                                                                                                                        | 1 per 2.9 ft <sup>2</sup>                                | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-572.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | (Optional) One or more layers, any combination   | Min. 2.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Note 2<br>                                                 | 1 per 2.3 ft <sup>2</sup><br>(14 parts per 4x8 ft board) | PVCF-XF or PVCF-OB                   | -45.0                     |
| S-573.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RN | Note 2                                                                                                                                        | 1 per 2.0 ft <sup>2</sup>                                | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-574.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 0.25-inch DensDeck Prime                                                                                                                                                    | Note 2                                                                                                                                        | 1 per 2.0 ft <sup>2</sup>                                | PVCF-XF or PVCF-OB                   | -45.0*                    |
| S-575.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                   | Note 2                                                                                                                                        | 1 per 2.7 ft <sup>2</sup>                                | PVCF-XF or PVCF-OB                   | -52.5                     |
| S-576.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                | Note 2                                                                                                                                        | 1 per 1.8 ft <sup>2</sup>                                | PVCF-XF or PVCF-OB                   | -52.5                     |
| S-577.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, min. 1-inch | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                      | Note 2                                                                                                                                        | 1 per 1.45 ft <sup>2</sup>                               | PVCF-XF or PVCF-OB                   | -52.5                     |
| S-578.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RN | Note 2                                                                                                                                        | 1 per 1.3 ft <sup>2</sup>                                | PVCF-XF or PVCF-OB                   | -60.0                     |
| S-579.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination   | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Note 2                                                                                                                                        | 1 per 1.8 ft <sup>2</sup>                                | PVCF-XF or PVCF-OB                   | -67.5                     |



**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

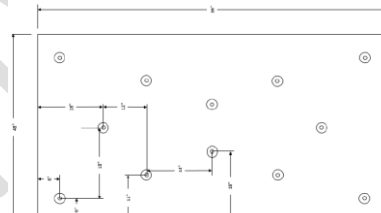
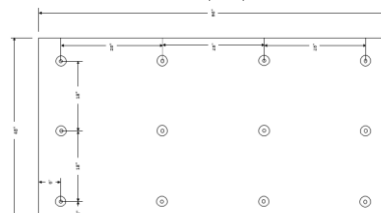
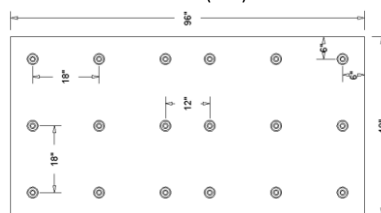
| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a>                  | Top Insulation Layer                             |                                                                                                                                                                    |                            | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|---------------------------|
|            |                                                                           |                                                                  | Type                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                   | Attach                     |                                      |                           |
| S-580.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination                              | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                             | 1 per 1.3 ft <sup>2</sup>  | PVCF-XF or PVCF-OB                   | -67.5                     |
| S-581.     | Min. 22 ga., Type B, Grade 33 steel or structural concrete                | One or more layers, min. 1.5-inch EnergyGuard Polyiso Insulation | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                             | 1 per 1.45 ft <sup>2</sup> | PVCF-XF or PVCF-OB                   | -82.5                     |
| S-582.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                 | Min. 0.625-inch DensDeck StormX Prime            | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 2.7 ft <sup>2</sup>  | PVCF-XF                              | -82.5                     |
| S-583.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                 | Min. 0.625-inch DensDeck StormX Prime            | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>  | 1 per 2.7 ft <sup>2</sup>  | PVCF-XF                              | -82.5                     |
| S-584.     | Min. 22 ga., Type B, min. 55 ksi steel                                    | One or more layers, any combination, min. 1-inch                 | Min. 0.625-inch DensDeck StormX Prime            | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.8 ft <sup>2</sup>  | PVCF-XF                              | -97.5                     |

**TABLE 2F: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

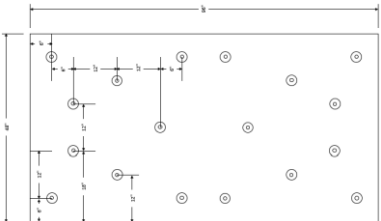
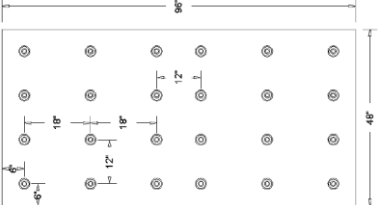
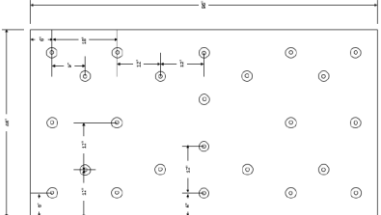
| System No. | Deck <a href="#">(Note 1)</a>          | Base Insulation Layer <a href="#">(Note 13)</a>  | Top Insulation Layer                  |                                                                                                                                                                    |                           | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|------------|----------------------------------------|--------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|---------------------------|
|            |                                        |                                                  | Type                                  | Fasten <a href="#">(Note 11)</a>                                                                                                                                   | Attach                    |                                      |                           |
| S-585.     | Min. 22 ga., Type B, min. 55 ksi steel | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 1.8 ft <sup>2</sup> | PVCF-XF                              | -127.5                    |
| S-586.     | Min. 22 ga., Type B, min. 55 ksi steel | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br>   | 1 per 1.3 ft <sup>2</sup> | PVCF-XF                              | -135.0                    |
| S-587.     | Min. 22 ga., Type B, min. 55 ksi steel | One or more layers, any combination, min. 1-inch | Min. 0.625-inch DensDeck StormX Prime | Drill-Tec XHD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat)<br> | 1 per 1.3 ft <sup>2</sup> | PVCF-XF                              | -142.5                    |

**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No.                | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                                                                                   |                                                                                                                                                                                                                                                                                                                               |                | Roof Cover <a href="#">(Note 15)</a> |                                                                             | <a href="#">MDP (psf)</a> |
|---------------------------|---------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------|-----------------------------------------------------------------------------|---------------------------|
|                           |                                                                           |                                                 | Type                                                                                                                   | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                                                              | Attach         | Base Ply                             | Cap Ply                                                                     |                           |
| ASPHALT-APPLIED BASE PLY: |                                                                           |                                                 |                                                                                                                        |                                                                                                                                                                                                                                                                                                                               |                |                                      |                                                                             |                           |
| S-588.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate, Drill-Tec 3” Flat Steel Plate                                    | 1 per 4.0 ft²  | SBS-AA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -30.0*                    |
| S-589.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                                                                       | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3” Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate, Drill-Tec 3” Flat Steel Plate | 1 per 4.0 ft²  | SBS-AA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -45.0*                    |
| S-590.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                      | Note 2                                                                                                                                                                                                                                                                                                                        | 1 per 4.0 ft²  | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-591.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3” Standard Steel Plate, Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate, Drill-Tec 3” Flat Steel Plate | 1 per 3.2 ft²  | SBS-AA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -45.0*                    |
| S-592.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or Structodek High Density Fiberboard Roof Insulation | Note 2                                                                                                                                                                                                                                                                                                                        | 1 per 2.0 ft2  | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-593.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Note 2                                                                                                                                                                                                                                                                                                                        | 1 per 2.0 ft2  | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-594.                    | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Note 2                                                                                                                                                                                                                                                                                                                        | 1 per 1.6 ft²  | SBS-AA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -52.5                     |
| S-595.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                        | Note 2                                                                                                                                                                                                                                                                                                                        | 1 per 1.6 ft2  | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |
| S-596.                    | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime                                                                                          | Note 2                                                                                                                                                                                                                                                                                                                        | 1 per 1.45 ft2 | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |

**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No.                     | Deck <a href="#">(Note 1)</a>                                                                                  | Base Insulation Layer <a href="#">(Note 13)</a>            | Top Insulation Layer                                             |                                                                                                                                                                                                                                                               |                           | Roof Cover <a href="#">(Note 15)</a> |                                                                             | MDP <a href="#">(psf)</a> |
|--------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|-----------------------------------------------------------------------------|---------------------------|
|                                |                                                                                                                |                                                            | Type                                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                              | Attach                    | Base Ply                             | Cap Ply                                                                     |                           |
| S-597.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | One or more layers, any combination, loose laid            | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2 (#14 only)                                                                                                                                                                                                                                             | 1 per 1.8 ft <sup>2</sup> | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                     |
| S-598.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | One or more layers, any combination, loose laid            | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                                                                                                                        | 1 per 2.0 ft <sup>2</sup> | SBS-AA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                     |
| S-599.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | One or more layers, any combination, loose laid            | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation | Note 2                                                                                                                                                                                                                                                        | 1 per 1.0 ft <sup>2</sup> | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -67.5                     |
| S-600.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | One or more layers, any combination, loose laid            | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                                                                                                                        | 1 per 1.6 ft <sup>2</sup> | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -82.5                     |
| S-601.                         | Min. 20 ga., type B, Grade 33 steel, min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid            | Min. 0.5-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                                                                                                                        | 1 per 1.6 ft <sup>2</sup> | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB   | -90.0                     |
| <b>TORCH-APPLIED BASE PLY:</b> |                                                                                                                |                                                            |                                                                  |                                                                                                                                                                                                                                                               |                           |                                      |                                                                             |                           |
| S-602.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | (Optional) One or more layers, any combination             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                  | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat) or Drill-Tec 3" Flat Steel Plate | 1 per 4.0 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -30.0*                    |
| S-603.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | One or more layers, any combination, loose laid            | Min. 0.25-inch DensDeck Prime                                    | Note 2                                                                                                                                                                                                                                                        | 1 per 4.0 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -30.0*                    |
| S-604.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | (Optional) One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime                                    | Note 2                                                                                                                                                                                                                                                        | 1 per 3.2 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -37.5*                    |
| S-605.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | (Optional) One or more layers, any combination             | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                 | Note 2                                                                                                                                                                                                                                                        | 1 per 4.0 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -45.0*                    |
| S-606.                         | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete                                      | One or more layers, any combination, loose laid            | Min. 0.625-inch DensDeck Prime                                   | Note 2                                                                                                                                                                                                                                                        | 1 per 4.0 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |

**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No. | Deck <a href="#">(Note 1)</a>                                             | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                                              |                                  |                            | Roof Cover <a href="#">(Note 15)</a> |                                                                             | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------|----------------------------------|----------------------------|--------------------------------------|-----------------------------------------------------------------------------|---------------------------|
|            |                                                                           |                                                 | Type                                                              | Fasten <a href="#">(Note 11)</a> | Attach                     | Base Ply                             | Cap Ply                                                                     |                           |
| S-607.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2                           | 1 per 3.2 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -45.0*                    |
| S-608.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.5-inch DensDeck Prime                                      | Note 2                           | 1 per 3.2 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-609.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime                                     | Note 2                           | 1 per 2.13 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-610.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2                           | 1 per 2.0 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*                    |
| S-611.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board                    | Note 2                           | 1 per 1.8 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |
| S-612.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2                           | 1 per 1.6 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -52.5                     |
| S-613.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2                           | 1 per 1.6 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |
| S-614.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime                                     | Note 2                           | 1 per 1.45 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -52.5                     |
| S-615.     | Min. 22 ga., type B, Grade 40 steel or structural concrete                | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                           | 1 per 1.45 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -60.0                     |
| S-616.     | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination             | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board                  | Note 2                           | 1 per 1.3 ft <sup>2</sup>  | SBS-AA or SBS-TA                     | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                         | -60.0                     |
| S-617.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2                           | 1 per 1.3 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -60.0                     |

**TABLE 2G: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED BASE AND CAP PLY**

| System No.                     | Deck <a href="#">(Note 1)</a>                                                                                    | Base Insulation Layer <a href="#">(Note 13)</a> | Top Insulation Layer                             |                                                                                                                                                                                                                                                                                              |                            | Roof Cover <a href="#">(Note 15)</a> |                                                                           | MDP <a href="#">(psf)</a> |
|--------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|---------------------------------------------------------------------------|---------------------------|
|                                |                                                                                                                  |                                                 | Type                                             | Fasten <a href="#">(Note 11)</a>                                                                                                                                                                                                                                                             | Attach                     | Base Ply                             | Cap Ply                                                                   |                           |
| S-618.                         | Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, loose laid | Min. 0.25-inch DensDeck Prime                    | Note 2                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -67.5                     |
| S-619.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, loose laid | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                                                                                                                                                       | 1 per 1.3 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -67.5                     |
| S-620.                         | Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination, loose laid | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board  | Note 2                                                                                                                                                                                                                                                                                       | 1 per 1.45 ft <sup>2</sup> | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -75.0                     |
| S-621.                         | Min. 20 ga., type B, Grade 33 steel or min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete | One or more layers, any combination, loose laid | Min. 0.5-inch DensDeck Prime                     | Note 2                                                                                                                                                                                                                                                                                       | 1 per 1.0 ft <sup>2</sup>  | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -90.0                     |
| <b>SELF-ADHERING BASE PLY:</b> |                                                                                                                  |                                                 |                                                  |                                                                                                                                                                                                                                                                                              |                            |                                      |                                                                           |                           |
| S-622.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board  | Drill-Tec #12 Fastener (steel only), Drill-Tec #14 Fastener, Drill-Tec #12 DP Fastener (steel only), Drill-Tec #12 DPH Fastener (steel only) or Drill-Tec #14 HD Fastener with Drill-Tec 3 in. Ribbed Galvalume Plate (Flat), Drill-Tec AccuTrac Flat Plate or Drill-Tec 3" Flat Steel Plate | 1 per 4.0 ft <sup>2</sup>  | SBS-SA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                       | -30.0*                    |
| S-623.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination  | Min. 0.375-inch SECUROCK Gypsum-Fiber Roof Board | Note 2                                                                                                                                                                                                                                                                                       | 1 per 4.0 ft <sup>2</sup>  | SBS-SA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                       | -45.0*                    |
| S-624.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | (Optional) One or more layers, any combination  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board  | Note 2                                                                                                                                                                                                                                                                                       | 1 per 3.2 ft <sup>2</sup>  | SBS-SA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                       | -45.0*                    |
| S-625.                         | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete                                        | One or more layers, any combination             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board  | Note 2                                                                                                                                                                                                                                                                                       | 1 per 1.6 ft <sup>2</sup>  | SBS-SA                               | PVCF-HA, PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB                       | -52.5                     |



**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                          | Deck<br>(Note 1)                                                          | Thermal Barrier / Vapor Barrier                                                                                                                              | Insulation                                                                                                                                                                                                                                                                                                                                                     |                     |               | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------|-------------------------|--------------|
|                                                                                     |                                                                           |                                                                                                                                                              | Type                                                                                                                                                                                                                                                                                                                                                           | Fasten<br>(Note 11) | Attach        |                         |              |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:                              |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                |                     |               |                         |              |
| S-626.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck or min. 0.5-inch SECUROCK Glass-Mat Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL          | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 0.625-inch DensDeck Prime                                                                                                                                                                   | Note 2              | 1 per 4.0 ft² | PVC1-BA                 | -45.0*       |
| S-627.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN        | Note 2              | 1 per 2.0 ft² | PVC1-BA                 | -45.0*       |
| S-628.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN          | Note 2              | 1 per 4.0 ft² | PVC1-BA                 | -45.0*       |
| S-629.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime                                                                   | Note 2              | 1 per 2.0 ft² | PVC1-BA                 | -45.0*       |
| S-630.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime                                                                    | Note 2              | 1 per 3.2 ft² | PVC1-BA                 | -45.0*       |
| S-631.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime                                                                  | Note 2              | 1 per 4.0 ft² | PVC1-BA                 | -45.0*       |
| S-632.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | Note 2              | 1 per 2.0 ft² | PVC1-BA                 | -45.0*       |
| S-633.                                                                              | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board | Note 2              | 1 per 2.0 ft² | PVC1-BA                 | -45.0*       |
| EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS: |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                |                     |               |                         |              |

**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                            | Deck<br>(Note 1)                                                          | Thermal Barrier / Vapor Barrier                                                                                                                              | Insulation                                                                                                                                                                                                                      |                     |                            | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------|-------------------------|--------------|
|                                                                       |                                                                           |                                                                                                                                                              | Type                                                                                                                                                                                                                            | Fasten<br>(Note 11) | Attach                     |                         |              |
| S-634.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN              | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC2-BA                 | -45.0*       |
| S-635.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                  | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVC2-BA                 | -45.0*       |
| S-636.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC2-BA                 | -45.0*       |
| S-637.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime                                      | Note 2              | 1 per 3.2 ft <sup>2</sup>  | PVC2-BA                 | -45.0*       |
| S-638.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime                                    | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVC2-BA                 | -45.0*       |
| S-639.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                               | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC2-BA                 | -45.0*       |
| S-640.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime                                     | Note 2              | 1 per 1.45 ft <sup>2</sup> | PVC2-BA                 | -52.5        |
| S-641.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2              | 1 per 1.6 ft <sup>2</sup>  | PVC2-BA                 | -52.5        |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                                                 |                     |                            |                         |              |
| S-642.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA                                                | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC2-QL                 | -45.0*       |
| S-643.                                                                | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA                                                                                  | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVC2-QL                 | -45.0*       |

**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                        | Deck<br>(Note 1)                                                          | Thermal Barrier / Vapor Barrier                                                                                                                              | Insulation                                                                                                                                                                                                                      |                     |                            | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------|-------------------------|--------------|
|                                                                                   |                                                                           |                                                                                                                                                              | Type                                                                                                                                                                                                                            | Fasten<br>(Note 11) | Attach                     |                         |              |
| S-644.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC2-QL                 | -45.0*       |
| S-645.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime                                      | Note 2              | 1 per 3.2 ft <sup>2</sup>  | PVC2-QL                 | -45.0*       |
| S-646.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime                                    | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVC2-QL                 | -45.0*       |
| S-647.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                               | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC2-QL                 | -45.0*       |
| S-648.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime                                     | Note 2              | 1 per 1.45 ft <sup>2</sup> | PVC2-QL                 | -52.5        |
| S-649.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2              | 1 per 1.6 ft <sup>2</sup>  | PVC2-QL                 | -52.5        |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                                                 |                     |                            |                         |              |
| S-650.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA                                                | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC1-QS or PVC2-QS      | -45.0*       |
| S-651.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RA                                                                                  | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVC1-QS or PVC2-QS      | -45.0*       |
| S-652.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime                                     | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC1-QS or PVC2-QS      | -45.0*       |
| S-653.                                                                            | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime                                      | Note 2              | 1 per 3.2 ft <sup>2</sup>  | PVC1-QS or PVC2-QS      | -45.0*       |

**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck<br>(Note 1)                                                          | Thermal Barrier / Vapor Barrier                                                                                                                              | Insulation                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |                            | Roof Cover<br>(Note 15) | MDP<br>(psf) |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------|-------------------------|--------------|
|                                                                                                      |                                                                           |                                                                                                                                                              | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fasten<br>(Note 11) | Attach                     |                         |              |
| S-654.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime                                                                                                                                                                                                                                                                 | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVC1-QS or PVC2-QS      | -45.0*       |
| S-655.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                                                                                                                                                                                                                                            | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVC1-QS or PVC2-QS      | -45.0*       |
| S-656.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime                                                                                                                                                                                                                                                                  | Note 2              | 1 per 1.45 ft <sup>2</sup> | PVC1-QS or PVC2-QS      | -52.5        |
| <b>EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b>                              |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                            |                         |              |
| S-657.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Optional min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose-laid, followed by Min. 1.5-inch EnergyGuard RH, loose laid, followed by min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVCX-WB                 | -45.0*       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                            |                         |              |
| S-658.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN                                                                                                                                                                                                                                                             | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVCF-WB                 | -45.0*       |
| S-659.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 2-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA or EnergyGuard RN                                                                                                                                                                                                                                                                                               | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVCF-WB                 | -45.0*       |
| S-660.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                              | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVCF-WB                 | -45.0*       |
| S-661.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.5-inch DensDeck Prime                                                                                                                                                                                                                                                                   | Note 2              | 1 per 3.2 ft <sup>2</sup>  | PVCF-WB                 | -45.0*       |
| S-662.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.625-inch DensDeck Prime                                                                                                                                                                                                                                                                 | Note 2              | 1 per 4.0 ft <sup>2</sup>  | PVCF-WB                 | -45.0*       |

**TABLE 2H: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1A: THERMAL BARRIER WITH VAPOR BARRIER, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                           | Deck<br>(Note 1)                                                          | Thermal Barrier / Vapor Barrier                                                                                                                              | Insulation                                                                                                                                                                                                                      |                     |                            | Roof Cover<br>(Note 15)          | MDP<br>(psf) |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------|----------------------------------|--------------|
|                                                                                                      |                                                                           |                                                                                                                                                              | Type                                                                                                                                                                                                                            | Fasten<br>(Note 11) | Attach                     |                                  |              |
| S-663.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime                                     | Note 2              | 1 per 1.45 ft <sup>2</sup> | PVCF-WB                          | -52.5        |
| S-664.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2              | 1 per 1.6 ft <sup>2</sup>  | PVCF-WB                          | -52.5        |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                           |                                                                                                                                                              |                                                                                                                                                                                                                                 |                     |                            |                                  |              |
| S-665.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                | Note 2              | 1 per 2.9 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 12-inch o.c. | -45.0*       |
| S-666.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVCF-LO, 12-inch o.c.            | -45.0*       |
| S-667.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN, loose laid, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | Note 2              | 1 per 2.0 ft <sup>2</sup>  | PVCF-LM, 12-inch o.c.            | -45.0*       |
| S-668.                                                                                               | Min. 22 ga., Type B, Grade 33 steel or min. 2,500 psi structural concrete | Min. 0.625-inch DensDeck Prime or min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board, loose-laid, covered with GAF SA Vapor Retarder or GAF SA Vapor Retarder XL | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation,                                                               | Note 2              | 1 per 1.3 ft <sup>2</sup>  | PVCF-LM or PVCF-LO, 12-inch o.c. | -60.0        |



**TABLE 2I: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

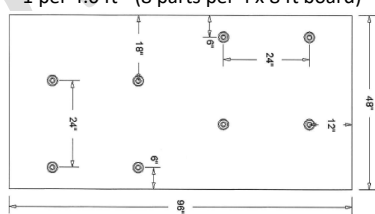
| System No. | Deck<br>(Note 1)                                                          | Insulation Layer (Note 13)                                     | Attachment                                                                                                                                        |                                                                                                                                                                                                                                                                         | Roof Cover (Note 15B)                                                                                                                                         | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|            |                                                                           |                                                                | Fastener (Note 11)                                                                                                                                | Density                                                                                                                                                                                                                                                                 |                                                                                                                                                               |              |
| S-669.     | Min. 22 ga., type B, Grade 33 steel                                       | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 24 x 36 inch grid                                                                                                                                                                                                                                                       | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                          | -37.5        |
| S-670.     | Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 24 x 48 inch grid                                                                                                                                                                                                                                                       | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                          | -45.0        |
| S-671.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 1 per 5.3 ft <sup>2</sup> (6 parts per 4 x 8 ft board)<br>Fastener located in each of the four corners of the board and at mid-span of the 96-inch length. Fasteners are 6-inches from the board's long edges and 12-inches and 48-inches from the board's short edges. | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                          | -45.0*       |
| S-672.     | Min. 22 ga., type B, Grade 33 steel                                       | One or more layers, any combination                            | Drill-Tec SXHD and Drill-Tec RhinoBond PVC XHD Plate                                                                                              | 24 x 36 inch grid                                                                                                                                                                                                                                                       | EverGuard PVC XK or EverGuard PVC Smooth induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                    | -45.0        |
| S-673.     | Min. 20 ga., type B, Grade 33 steel                                       | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 1 per 4.0 ft <sup>2</sup> (8 parts per 4 x 8 ft board)<br>                                                                                                                          | EverGuard PVC XK or EverGuard PVC Smooth induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                    | -52.5        |
| S-674.     | Min. 22 ga., type B, Grade 33 steel                                       | One or more layers, any combination                            | Drill-Tec SXHD and Drill-Tec RhinoBond PVC XHD Plate                                                                                              | 24 x 24 inch grid                                                                                                                                                                                                                                                       | EverGuard PVC XK, EverGuard PVC or EverGuard PVC KEE Smooth induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -60.0        |
| S-675.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 24 x 24 inch grid                                                                                                                                                                                                                                                       | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.                          | -60.0        |



**TABLE 21: STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

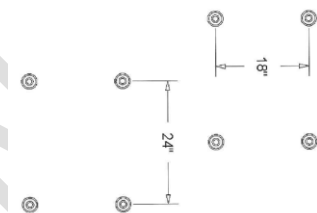
| System No. | Deck<br>( <a href="#">Note 1</a> )                                        | Insulation Layer ( <a href="#">Note 13</a> )                   | Attachment                                                                                                                                        |                                                                                                                                                                                        | Roof Cover ( <a href="#">Note 15B</a> )                                                                                                    | MDP<br>(psf) |
|------------|---------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|            |                                                                           |                                                                | Fastener ( <a href="#">Note 11</a> )                                                                                                              | Density                                                                                                                                                                                |                                                                                                                                            |              |
| S-676.     | Min. 22 ga., type B, Grade 33 steel                                       | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 1 per 2.7 ft <sup>2</sup> (12 parts per 4 x 8 ft board)<br>Fasteners are 6-, 24- and 42-inches from the board's long edge and 12-, 36-, 60- and 84-inches from the board's short edge. | EverGuard PVC XK or EverGuard PVC Smooth induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -67.5        |
| S-677.     | Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD (steel only) or Drill-Tec #14 (concrete only) and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate | 16 x 24 inch grid                                                                                                                                                                      | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.       | -82.5        |
| S-678.     | Min. 22 ga., type B, Grade 40 steel                                       | One or more layers, any combination (Tread Safe = min. 2-inch) | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 18 x 24 inch staggered grid<br>                                                                     | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.       | -82.5        |
| S-679.     | Min. 22 ga., type B, Grade 60 steel                                       | One or more layers, any combination, min. 2-inch               | Drill-Tec XHD and Drill-Tec RhinoBond PVC XHD Plate or Drill-Tec RhinoBond PVC XHD Tread Safe Plate                                               | 18 x 16 inch grid, staggered 6-inch                                                                                                                                                    | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions.       | -105.0       |

**TABLE 2J: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
SYSTEM TYPE D-1: MECHANICALLY ATTACHED ROOF COVER**

| System No.                                | Deck <a href="#">(Note 1)</a>       | Insulation <a href="#">(Note 13)</a>               |                                 | Separator Sheet (Optional)                                                   | Roof Cover <a href="#">(Note 15A)</a>    |                                                                                                                                        |                                                                                                         | <a href="#">MDP (psf)</a> |
|-------------------------------------------|-------------------------------------|----------------------------------------------------|---------------------------------|------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------|
|                                           |                                     | Type                                               | Attach <a href="#">(Note 5)</a> |                                                                              | Membrane                                 | Fastener <a href="#">(Note 11)</a>                                                                                                     | Attachment                                                                                              |                           |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK: |                                     |                                                    |                                 |                                                                              |                                          |                                                                                                                                        |                                                                                                         |                           |
| S-680.                                    | Min. 22 ga., type B, Grade 33 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec XHD Fastener or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld   | -30.0                     |
| S-681.                                    | Min. 22 ga., type B, Grade 80 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec XHD Fastener or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 5.5-inch wide laps spaced 114.5-inch o.c. and sealed with a 2-inch heat weld | -37.5                     |
| S-682.                                    | Min. 22 ga., type B, Grade 80 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec SXHD #21 with Drill-Tec 2 ¾ in. Barbed SXHD Plate                                                                            | 12-inch o.c. within minimum 6-inch wide laps spaced 114-inch o.c. and sealed with a 2-inch heat weld    | -37.5                     |
| S-683.                                    | Min. 22 ga., type B, Grade 33 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec #14 Fastener with Drill-Tec 2 in. Barbed Plate                                                                               | 6-inch o.c. within 5-inch wide laps spaced 55-inch o.c. and sealed with a 2-inch heat weld.             | -45.0                     |
| S-684.                                    | Min. 22 ga., type B, Grade 80 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec XHD Fastener or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 5.5-inch wide laps spaced 75.5-inch o.c. and sealed with a 2-inch heat weld  | -45.0                     |
| S-685.                                    | Min. 22 ga., type B, Grade 80 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec SXHD #21 with Drill-Tec 2 ¾ in. Barbed SXHD Plate                                                                            | 12-inch o.c. within minimum 6-inch wide laps spaced 75-inch o.c. and sealed with a 2-inch heat weld     | -45.0                     |
| S-686.                                    | Min. 22 ga., type B, Grade 33 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd2) or Cushioning Layer (6 oz/yd2) | EverGuard PVC XK or EverGuard PVC Smooth | Drill-Tec XHD Fastener or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld.          | -45.0                     |
| EVERGUARD PVC OR EVERGUARD PVC KEE:       |                                     |                                                    |                                 |                                                                              |                                          |                                                                                                                                        |                                                                                                         |                           |

**TABLE 2J: STEEL DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE D-1: MECHANICALLY ATTACHED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>       | Insulation <a href="#">(Note 13)</a>               |                                 | Separator Sheet (Optional)                                                                             | Roof Cover <a href="#">(Note 15A)</a> |                                                                                                                                                                                                                                                                               |                                                                                                        | <a href="#">MDP (psf)</a> |
|------------|-------------------------------------|----------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------|
|            |                                     | Type                                               | Attach <a href="#">(Note 5)</a> |                                                                                                        | Membrane                              | Fastener <a href="#">(Note 11)</a>                                                                                                                                                                                                                                            | Attachment                                                                                             |                           |
| S-687.     | Min. 22 ga., type B, Grade 33 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC or EverGuard PVC KEE    | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 12-inch o.c. within minimum 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld | -30.0                     |
| S-688.     | Min. 22 ga., type B, Grade 80 steel | One or more layers, any combination, min. 1.5-inch | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC or EverGuard PVC KEE    | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 6-inch wide laps spaced 114-inch o.c. and sealed with a 1.5-inch heat weld  | -45.0                     |
| S-689.     | Min. 22 ga., type B, Grade 33 steel | One or more layers, any combination, min. 1-inch   | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC or EverGuard PVC KEE    | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 12-inch o.c. within minimum 6-inch wide laps spaced 54-inch o.c. and sealed with a 1.5-inch heat weld  | -52.5                     |
| S-690.     | Min. 22 ga., type B, Grade 33 steel | One or more layers, any combination, min. 1-inch   | Prelim. attach                  | EverGuard Polymat Separation Layer (3 oz/yd <sup>2</sup> ) or Cushioning Layer (6 oz/yd <sup>2</sup> ) | EverGuard PVC or EverGuard PVC KEE    | Drill-Tec XHD Fastener or Drill-Tec #15 EHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate, Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate or Drill-Tec #15 DF Fastener with Drill-Tec 2-3/8" DF Barbed Seam Plate | 6-inch o.c. within minimum 6-inch wide laps spaced 54-inch o.c. and sealed with a 1.5-inch heat weld   | -60.0                     |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                         | Deck<br>(Note 1)    | Base Insulation Layer                                                                                                        |                         | Top Insulation Layer                                                                                                                                                                                                            |                         | Roof Cover (Note 15) | MDP<br>(psf) |
|--------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|--------------|
|                                                                    |                     | Type                                                                                                                         | Attach<br>(Notes 6,7,8) | Type                                                                                                                                                                                                                            | Attach<br>(Notes 6,7,8) |                      |              |
| EVERGUARD PVC SMOOTH OR PVC XK / EVERGUARD #2331 BONDING ADHESIVE: |                     |                                                                                                                              |                         |                                                                                                                                                                                                                                 |                         |                      |              |
| C-1.                                                               | Structural concrete | Min. 1.5-inch EnergyGuard RH                                                                                                 | LRF-M                   | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                   | PVC1-BA              | -97.5        |
| C-2.                                                               | Structural concrete | Min. 1-inch EnergyGuard RH                                                                                                   | LRF-M                   | (Optional) Additional layer of base insulation                                                                                                                                                                                  | LRF-M                   | PVC1-BA              | -162.5       |
| C-3.                                                               | Structural concrete | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                      | LRF-M                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M                   | PVC1-BA              | -165.0       |
| C-4.                                                               | Structural concrete | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                | LRF-M                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | LRF-M                   | PVC1-BA              | -187.5       |
| C-5.                                                               | Structural concrete | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                              | LRF-M                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-M                   | PVC1-BA              | -202.5       |
| C-6.                                                               | Structural concrete | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                              | LRF-M                   | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M                   | PVC1-BA              | -232.5       |
| C-7.                                                               | Structural concrete | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                              | LRF-M                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                         | LRF-M                   | PVC1-BA              | -232.5       |
| C-8.                                                               | Structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM               | LRF-M Canister          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                        | LRF-M Canister          | PVC1-BA              | -97.5        |
| C-9.                                                               | Structural concrete | Min. 1.5-inch EnergyGuard RH                                                                                                 | LRF-M Canister          | (Optional) Additional layer of base insulation                                                                                                                                                                                  | LRF-M Canister          | PVC1-BA              | -162.5       |
| C-10.                                                              | Structural concrete | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM    | LRF-M Canister          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M Canister          | PVC1-BA              | -165.0       |
| C-11.                                                              | Structural concrete | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister          | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                          | LRF-M Canister          | PVC1-BA              | -202.5       |
| C-12.                                                              | Structural concrete | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                 | LRF-M Canister          | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M Canister          | PVC1-BA              | -232.5       |
| C-13.                                                              | Structural concrete | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                                                                                                                            | LRF-M Canister          | PVC1-BA              | -232.5       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                            |                                         | Top Insulation Layer                                                                                                                                                                                                            |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                             | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                                                            | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-14.      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                          | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-XF                                  | PVC1-BA                              | -165.0                       |
| C-15.      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                    | LRF-XF                                  | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | LRF-XF                                  | PVC1-BA                              | -187.5                       |
| C-16.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-XF                                  | PVC1-BA                              | -202.5                       |
| C-17.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-XF                                  | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-XF                                  | PVC1-BA                              | -232.5                       |
| C-18.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                         | LRF-XF                                  | PVC1-BA                              | -232.5                       |
| C-19.      | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                                                     | OB500                                   | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVC1-BA                              | -37.5                        |
| C-20.      | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                                                     | OB500                                   | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVC1-BA                              | -97.5                        |
| C-21.      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                          | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | OB500                                   | PVC1-BA                              | -165.0                       |
| C-22.      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                    | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | OB500                                   | PVC1-BA                              | -187.5                       |
| C-23.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                  | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                       | OB500                                   | PVC1-BA                              | -202.5                       |
| C-24.      | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                   | OB500                                   | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                              | OB500                                   | PVC1-BA                              | -202.5                       |
| C-25.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                  | OB500                                   | (Optional) Additional layers of base insulation                                                                                                                                                                                 | OB500                                   | PVC1-BA                              | -232.5                       |
| C-26.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                  | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                         | OB500                                   | PVC1-BA                              | -232.5                       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                    | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                                                |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|-------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|                                                                               |                                  | Type                                                                                                                                                 | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-27.                                                                         | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                       | OB500                                   | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                   | PVC1-BA                              | -247.5                       |
| C-28.                                                                         | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                       | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                   | OB500                                   | PVC1-BA                              | -247.5                       |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE:</b> |                                  |                                                                                                                                                      |                                         |                                                                                                                                                                                           |                                         |                                      |                              |
| C-29.                                                                         | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                       | hot asphalt                             | (Optional) Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                               | hot asphalt                             | PVC2-BA                              | -45.0                        |
| C-30.                                                                         | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                      | LRF-M                                   | Additional optional layers base insulation followed by min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                   | LRF-M                                   | PVC2-BA                              | -82.5                        |
| C-31.                                                                         | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN                                | LRF-M                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVC2-BA                              | -90.0                        |
| C-32.                                                                         | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                         | LRF-M                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVC2-BA                              | -97.5                        |
| C-33.                                                                         | Structural concrete              | Min. 1-inch EnergyGuard RH                                                                                                                           | LRF-M                                   | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M                                   | PVC2-BA                              | -162.5                       |
| C-34.                                                                         | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                   | Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                     | LRF-M                                   | PVC2-BA                              | -165.0                       |
| C-35.                                                                         | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                              | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                   | PVC2-BA                              | -165.0                       |
| C-36.                                                                         | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                                        | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                   | PVC2-BA                              | -187.5                       |
| C-37.                                                                         | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                      | LRF-M                                   | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                 | LRF-M                                   | PVC2-BA                              | -232.5                       |
| C-38.                                                                         | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                      | LRF-M                                   | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                   | PVC2-BA                              | -292.5                       |
| C-39.                                                                         | Structural concrete              | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                                        | LRF-M, 6-inch o.c.                      | None                                                                                                                                                                                      | N/A                                     | PVC2-BA                              | -405.0                       |



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-40.      | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M Canister                          | PVC2-BA                              | -97.5                        |
| C-41.      | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                                              | LRF-M Canister                          | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M Canister                          | PVC2-BA                              | -162.5                       |
| C-42.      | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                          | PVC2-BA                              | -165.0                       |
| C-43.      | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M Canister                          | PVC2-BA                              | -232.5                       |
| C-44.      | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M Canister                          | PVC2-BA                              | -247.5                       |
| C-45.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA                        | LRF-XF                                  | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                  | PVC2-BA                              | -90.0                        |
| C-46.      | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                              | LRF-XF                                  | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | LRF-XF                                  | PVC2-BA                              | -130.0                       |
| C-47.      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                  | PVC2-BA                              | -165.0                       |
| C-48.      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                             | LRF-XF                                  | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-XF                                  | PVC2-BA                              | -187.5                       |
| C-49.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-XF                                  | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-XF                                  | PVC2-BA                              | -232.5                       |
| C-50.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-XF                                  | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                 | LRF-XF                                  | PVC2-BA                              | -232.5                       |
| C-51.      | Structural concrete              | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                                | LRF-XF                                  | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-XF                                  | PVC2-BA                              | -247.5                       |
| C-52.      | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                              | OB500                                   | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                   | PVC2-BA                              | -37.5                        |
| C-53.      | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                              | OB500                                   | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                   | PVC2-BA                              | -37.5                        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                                                |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                                                 | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-54.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                         | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVC2-BA                              | -37.5                        |
| C-55.      | Structural concrete              | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                                                   | OB500                                   | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                   | PVC2-BA                              | -45.0                        |
| C-56.      | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                         | OB500                                   | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                   | PVC2-BA                              | -45.0                        |
| C-57.      | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                         | OB500                                   | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                   | PVC2-BA                              | -52.5                        |
| C-58.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN                                | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVC2-BA                              | -90.0                        |
| C-59.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                         | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVC2-BA                              | -97.5                        |
| C-60.      | Structural concrete              | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                                                     | OB500                                   | Min. 0.25-inch DensDeck, DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                | OB500                                   | PVC2-BA                              | -120.0                       |
| C-61.      | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                         | OB500                                   | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | OB500                                   | PVC2-BA                              | -127.5                       |
| C-62.      | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                       | OB500                                   | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                   | PVC2-BA                              | -130.0                       |
| C-63.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                   | Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                                     | OB500                                   | PVC2-BA                              | -165.0                       |
| C-64.      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                              | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                   | PVC2-BA                              | -165.0                       |
| C-65.      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                                        | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                   | PVC2-BA                              | -187.5                       |
| C-66.      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                           | OB500                                   | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                          | OB500                                   | PVC2-BA                              | -202.5                       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                               | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                 |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|----------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|                                                          |                                  | Type                                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-67.                                                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | OB500                                   | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                 | OB500                                   | PVC2-BA                              | -232.5                       |
| C-68.                                                    | Structural concrete              | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                        | OB500                                   | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                        | OB500                                   | PVC2-BA                              | -240.0                       |
| C-69.                                                    | Structural concrete              | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                          | OB500                                   | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | OB500                                   | PVC2-BA                              | -247.5                       |
| C-70.                                                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | OB500                                   | (Optional) Additional layers of base insulation                                                                                                                                           | OB500                                   | PVC2-BA                              | -292.5                       |
| C-71.                                                    | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                          | OB500                                   | None                                                                                                                                                                                      | N/A                                     | PVC2-BA                              | -397.5                       |
| C-72.                                                    | Structural concrete              | Min. 0.5-inch SECUROCK Ultralight Coated Glass-Mat Roof Board                                                         | OB500, 6-inch o.c.                      | None                                                                                                                                                                                      | N/A                                     | PVC2-BA                              | -405.0                       |
| C-73.                                                    | Structural concrete              | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA                                                            | OB500                                   | None                                                                                                                                                                                      | N/A                                     | PVC2-BA                              | -502.5                       |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE:</b> |                                  |                                                                                                                       |                                         |                                                                                                                                                                                           |                                         |                                      |                              |
| C-74.                                                    | Structural concrete              | Min. 1.5-inch EnergyGuard RA                                                                                          | hot asphalt                             | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                                                                  | hot asphalt                             | PVC2-QL                              | -45.0                        |
| C-75.                                                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN | LRF-M                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVC2-QL                              | -90.0                        |
| C-76.                                                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                          | LRF-M                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVC2-QL                              | -97.5                        |
| C-77.                                                    | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                               | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                   | PVC2-QL                              | -165.0                       |
| C-78.                                                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | LRF-M                                   | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M                                   | PVC2-QL                              | -232.5                       |
| C-79.                                                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                          | LRF-M                                   | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                   | PVC2-QL                              | -292.5                       |
| C-80.                                                    | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM        | LRF-M<br>Canister                       | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M<br>Canister                       | PVC2-QL                              | -97.5                        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-81.      | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                          | PVC2-QL                              | -165.0                       |
| C-82.      | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M Canister                          | PVC2-QL                              | -232.5                       |
| C-83.      | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M Canister                          | PVC2-QL                              | -247.5                       |
| C-84.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA                        | LRF-XF                                  | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                  | PVC2-QL                              | -90.0                        |
| C-85.      | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                              | LRF-XF                                  | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-XF                                  | PVC2-QL                              | -130.0                       |
| C-86.      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                  | PVC2-QL                              | -165.0                       |
| C-87.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-XF                                  | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-XF                                  | PVC2-QL                              | -232.5                       |
| C-88.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-XF                                  | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                  | PVC2-QL                              | -232.5                       |
| C-89.      | Structural concrete              | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                                                                | LRF-XF                                  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | LRF-XF                                  | PVC2-QL                              | -247.5                       |
| C-90.      | Structural concrete              | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                        | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                   | PVC2-QL                              | -45.0                        |
| C-91.      | Structural concrete              | Min. 1-inch EnergyGuard RA                                                                                                | OB500                                   | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                   | PVC2-QL                              | -45.0                        |
| C-92.      | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                              | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                   | PVC2-QL                              | -52.5                        |
| C-93.      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN     | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVC2-QL                              | -90.0                        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                        | Deck <a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                 |                                      | Top Insulation Layer                                                                                                                                                                      |                                      | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|-----------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|---------------------------|
|                                                                                   |                               | Type                                                                                                                  | Attach <a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach <a href="#">(Notes 6,7,8)</a> |                                      |                           |
| C-94.                                                                             | Structural concrete           | Min. 1.5-inch EnergyGuard RH                                                                                          | OB500                                | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                | PVC2-QL                              | -97.5                     |
| C-95.                                                                             | Structural concrete           | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                      | OB500                                | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                | PVC2-QL                              | -120.0                    |
| C-96.                                                                             | Structural concrete           | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                          | OB500                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                | PVC2-QL                              | -127.5                    |
| C-97.                                                                             | Structural concrete           | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                        | OB500                                | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                | PVC2-QL                              | -130.0                    |
| C-98.                                                                             | Structural concrete           | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                               | OB500                                | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                | PVC2-QL                              | -165.0                    |
| C-99.                                                                             | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | OB500                                | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | OB500                                | PVC2-QL                              | -232.5                    |
| C-100.                                                                            | Structural concrete           | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                        | OB500                                | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                | PVC2-QL                              | -240.0                    |
| C-101.                                                                            | Structural concrete           | Min. 2-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                          | OB500                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                           | OB500                                | PVC2-QL                              | -247.5                    |
| C-102.                                                                            | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                          | OB500                                | (Optional) Additional layers of base insulation                                                                                                                                           | OB500                                | PVC2-QL                              | -292.5                    |
| C-103.                                                                            | Structural concrete           | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA       | OB500                                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                            | OB500                                | PVC2-QL                              | -270.0                    |
| C-104.                                                                            | Structural concrete           | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                                        | OB500                                | None                                                                                                                                                                                      | N/A                                  | PVC2-QL                              | -375.0                    |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                               |                                                                                                                       |                                      |                                                                                                                                                                                           |                                      |                                      |                           |
| C-105.                                                                            | Structural concrete           | Min. 1.5-inch EnergyGuard RA                                                                                          | hot asphalt                          | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                                                                  | hot asphalt                          | PVC1-QS or PVC2-QS                   | -45.0                     |
| C-106.                                                                            | Structural concrete           | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN | LRF-M                                | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                | PVC1-QS or PVC2-QS                   | -90.0                     |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-107.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                              | LRF-M                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVC1-QS or PVC2-QS                   | -97.5                        |
| C-108.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                   | PVC1-QS or PVC2-QS                   | -165.0                       |
| C-109.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-M                                   | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                      | LRF-M                                   | PVC1-QS or PVC2-QS                   | -210.0                       |
| C-110.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M                                   | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                   | PVC1-QS or PVC2-QS                   | -292.5                       |
| C-111.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M Canister                          | PVC1-QS or PVC2-QS                   | -97.5                        |
| C-112.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                          | PVC1-QS or PVC2-QS                   | -165.0                       |
| C-113.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                                                                                      | LRF-M Canister                          | PVC1-QS or PVC2-QS                   | -210.0                       |
| C-114.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M Canister                          | PVC1-QS or PVC2-QS                   | -247.5                       |
| C-115.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA                        | LRF-XF                                  | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                  | PVC1-QS or PVC2-QS                   | -90.0                        |
| C-116.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                              | LRF-XF                                  | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | LRF-XF                                  | PVC1-QS or PVC2-QS                   | -130.0                       |
| C-117.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                  | PVC1-QS or PVC2-QS                   | -165.0                       |
| C-118.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-XF                                  | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime                                                                                                      | LRF-XF                                  | PVC1-QS or PVC2-QS                   | -210.0                       |
| C-119.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-XF                                  | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-XF                                  | PVC1-QS or PVC2-QS                   | -232.5                       |
| C-120.     | Structural concrete              | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                        | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                   | PVC1-QS or PVC2-QS                   | -45.0                        |



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                 |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-121.     | Structural concrete              | Min. 1-inch EnergyGuard RA                                                                                            | OB500                                   | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                   | PVC1-QS or PVC2-QS                   | -45.0                        |
| C-122.     | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                          | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                   | PVC1-QS or PVC2-QS                   | -52.5                        |
| C-123.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVC1-QS or PVC2-QS                   | -90.0                        |
| C-124.     | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                                          | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVC1-QS or PVC2-QS                   | -97.5                        |
| C-125.     | Structural concrete              | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                      | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                   | PVC1-QS or PVC2-QS                   | -120.0                       |
| C-126.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                        | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                   | PVC1-QS or PVC2-QS                   | -130.0                       |
| C-127.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                               | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                   | PVC1-QS or PVC2-QS                   | -165.0                       |
| C-128.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra or min. 1.5-inch EnergyGuard RA or EnergyGuard RN     | OB500                                   | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime                                                                                                      | OB500                                   | PVC1-QS or PVC2-QS                   | -210.0                       |
| C-129.     | Structural concrete              | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA    | OB500                                   | Min. 0.625-inch DensDeck Prime                                                                                                                                                            | OB500                                   | PVC2-QS                              | -232.5                       |
| C-130.     | Structural concrete              | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA    | OB500                                   | Min. 0.625-inch DensDeck Prime                                                                                                                                                            | OB500                                   | PVC1-QS                              | -247.5                       |
| C-131.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                  | OB500                                   | (Optional) Additional layers of base insulation                                                                                                                                           | OB500                                   | PVC1-QS or PVC2-QS                   | -292.5                       |
| C-132.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA       | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                               | OB500                                   | PVC1-QS or PVC2-QS                   | -270.0                       |
| C-133.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA                  | OB500                                   | Min. 0.625-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                          | OB500                                   | PVC1-QS or PVC2-QS                   | -270.0                       |
| C-134.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA                  | OB500                                   | None                                                                                                                                                                                      | N/A                                     | PVC1-QS or PVC2-QS                   | -375.0                       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                               | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                                                                                                                            |                                         | Roof Cover <a href="#">(Note 15)</a> | <a href="#">MDP (psf)</a> |
|--------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|---------------------------|
|                                                                          |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                                                            | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                           |
| EVERGUARD PVC XK FLEECEBACK IN HOT ASPHALT:                              |                                  |                                                                                                                           |                                         |                                                                                                                                                                                                                                 |                                         |                                      |                           |
| C-135.                                                                   | Structural concrete (primed)     | Min. 1-inch EnergyGuard RH                                                                                                | hot asphalt                             | (Optional) Additional layers of base insulation                                                                                                                                                                                 | hot asphalt                             | PVCX-HA                              | -490.0                    |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN HOT ASPHALT: |                                  |                                                                                                                           |                                         |                                                                                                                                                                                                                                 |                                         |                                      |                           |
| C-136.                                                                   | Structural concrete (primed)     | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                      | hot asphalt                             | Min. 0.25-inch DensDeck                                                                                                                                                                                                         | hot asphalt                             | PVCF-HA                              | -45.0                     |
| C-137.                                                                   | Structural concrete (primed)     | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN     | hot asphalt                             | (Optional) Additional layers of base insulation                                                                                                                                                                                 | hot asphalt                             | PVCF-HA                              | -382.5                    |
| C-138.                                                                   | Structural concrete (primed)     | Min. 1-inch EnergyGuard RH                                                                                                | hot asphalt                             | None                                                                                                                                                                                                                            | N/A                                     | PVCF-HA                              | -470.0                    |
| C-139.                                                                   | Structural concrete              | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                      | OB500                                   | Min. 0.25-inch DensDeck                                                                                                                                                                                                         | OB500                                   | PVCF-HA                              | -45.0                     |
| EVERGUARD PVC XK FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:         |                                  |                                                                                                                           |                                         |                                                                                                                                                                                                                                 |                                         |                                      |                           |
| C-140.                                                                   | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-M                                   | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M                                   | PVCX-WB                              | -90.0                     |
| C-141.                                                                   | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | LRF-M                                   | PVCX-WB                              | -90.0                     |
| C-142.                                                                   | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-M                                   | PVCX-WB                              | -90.0                     |
| C-143.                                                                   | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                                              | LRF-M                                   | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVCX-WB                              | -97.5                     |
| C-144.                                                                   | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-M Canister                          | PVCX-WB                              | -90.0                     |
| C-145.                                                                   | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M Canister                          | PVCX-WB                              | -90.0                     |
| C-146.                                                                   | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-M Canister                          | PVCX-WB                              | -90.0                     |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                                           | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                                                |                                         | Top Insulation Layer                                                                                                                                                                                                            |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|                                                                                                      |                                  | Type                                                                                                                                                 | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                                                            | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-147.                                                                                               | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                                       | LRF-M Canister                          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                        | LRF-M Canister                          | PVCX-WB                              | -97.5                        |
| C-148.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH                   | LRF-XF                                  | (Optional) Additional layers of base insulation                                                                                                                                                                                 | LRF-XF                                  | PVCX-WB                              | -90.0                        |
| C-149.                                                                                               | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                           | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | LRF-XF                                  | PVCX-WB                              | -90.0                        |
| C-150.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH                   | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | LRF-XF                                  | PVCX-WB                              | -90.0                        |
| C-151.                                                                                               | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                   | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVCX-WB                              | -37.5                        |
| C-152.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                   | (Optional) Additional layers of base insulation                                                                                                                                                                                 | OB500                                   | PVCX-WB                              | -90.0                        |
| C-153.                                                                                               | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                           | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | OB500                                   | PVCX-WB                              | -90.0                        |
| C-154.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                        | OB500                                   | PVCX-WB                              | -90.0                        |
| C-155.                                                                                               | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                   | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVCX-WB                              | -97.5                        |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN EVERGUARD WB181 BONDING ADHESIVE:</b> |                                  |                                                                                                                                                      |                                         |                                                                                                                                                                                                                                 |                                         |                                      |                              |
| C-156.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                         | LRF-M                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                       | LRF-M                                   | PVCF-WB                              | -97.5                        |
| C-157.                                                                                               | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                              | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M                                   | PVCF-WB                              | -165.0                       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                                   |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                                    | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-158.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                           | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                   | PVCF-WB                              | -187.5                       |
| C-159.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                         | LRF-M                                   | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M                                   | PVCF-WB                              | -232.5                       |
| C-160.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                         | LRF-M                                   | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                   | PVCF-WB                              | -292.5                       |
| C-161.     | Structural concrete              | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M Canister                          | PVCF-WB                              | -97.5                        |
| C-162.     | Structural concrete              | (Optional) Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                          | PVCF-WB                              | -165.0                       |
| C-163.     | Structural concrete              | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M Canister                          | PVCF-WB                              | -232.5                       |
| C-164.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                            | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M Canister                          | PVCF-WB                              | -247.5                       |
| C-165.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                 | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                  | PVCF-WB                              | -165.0                       |
| C-166.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                           | LRF-XF                                  | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-XF                                  | PVCF-WB                              | -187.5                       |
| C-167.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                         | LRF-XF                                  | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                  | PVCF-WB                              | -232.5                       |
| C-168.     | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                            | OB500                                   | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                   | PVCF-WB                              | -37.5                        |
| C-169.     | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                            | OB500                                   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                   | PVCF-WB                              | -37.5                        |
| C-170.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                            | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVCF-WB                              | -37.5                        |
| C-171.     | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                            | OB500                                   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                   | PVCF-WB                              | -52.5                        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                              | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                                |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|-------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|                                                                         |                                  | Type                                                                                                                                 | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-172.                                                                  | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                         | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVCF-WB                              | -97.5                        |
| C-173.                                                                  | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                              | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                   | PVCF-WB                              | -165.0                       |
| C-174.                                                                  | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra Polyiso Insulation                                                                        | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                   | PVCF-WB                              | -187.5                       |
| C-175.                                                                  | Structural concrete              | Min. 1-inch EnergyGuard RA or EnergyGuard RN                                                                                         | OB500                                   | (Optional) Additional layer of base insulation                                                                                                                                            | OB500                                   | PVCF-WB                              | -127.5                       |
| C-176.                                                                  | Structural concrete              | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                                       | OB500                                   | (Optional) Additional layers base insulation                                                                                                                                              | OB500                                   | PVCF-WB                              | -225.0                       |
| C-177.                                                                  | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                      | OB500                                   | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | OB500                                   | PVCF-WB                              | -232.5                       |
| C-178.                                                                  | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                       | OB500                                   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                   | PVCF-WB                              | -240.0                       |
| C-179.                                                                  | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                      | OB500                                   | (Optional) Additional layers of base insulation                                                                                                                                           | OB500                                   | PVCF-WB                              | -292.5                       |
| <b>EVERGUARD PVC XK FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                  |                                                                                                                                      |                                         |                                                                                                                                                                                           |                                         |                                      |                              |
| C-180.                                                                  | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                   | LRF-M                                   | PVCX-LM, 12-inch o.c.                | -37.5                        |
| C-181.                                                                  | Structural concrete              | Min. 1-inch EnergyGuard RH                                                                                                           | LRF-M                                   | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                   | PVCX-LM, 6-inch o.c.                 | -45.0                        |
| C-182.                                                                  | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                                                                                      | LRF-M                                   | PVCX-LO, 12-inch o.c.                | -45.0                        |
| C-183.                                                                  | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                    | LRF-M                                   | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0                        |
| C-184.                                                                  | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                     | LRF-M                                   | PVCX-LM, 12-inch o.c.                | -45.0                        |
| C-185.                                                                  | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                      | LRF-M                                   | (Optional) Additional layers of base insulation                                                                                                                                           | LRF-M                                   | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                        |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                         | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-186.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                   | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M                                   | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                        |
| C-187.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                      | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                   | PVCX-LM or PVCX-LO, 4-inch o.c.      | -165.0                       |
| C-188.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN         | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                   | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-189.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN         | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                   | PVCX-LM, 4-inch o.c.                 | -180.0                       |
| C-190.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN         | LRF-M                                   | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-M                                   | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-191.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN         | LRF-M                                   | (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                | LRF-M                                   | PVCX-LM, 4-inch o.c.                 | -180.0                       |
| C-192.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                                   | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                   | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-193.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                            | LRF-M                                   | None                                                                                                                     | N/A                                     | PVCX-LM or PVCX-LO, 4-inch o.c.      | -195.0                       |
| C-194.     | Structural concrete              | Min. 1.5-inch Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M<br>Canister                       | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | LRF-M<br>Canister                       | PVCX-LM, 12-inch o.c.                | -37.5                        |
| C-195.     | Structural concrete              | Min. 1.5-inch EnergyGuard RH                                                                                                 | LRF-M<br>Canister                       | (Optional) Additional layers of base insulation                                                                          | LRF-M<br>Canister                       | PVCX-LM, 6-inch o.c.                 | -45.0                        |
| C-196.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM               | LRF-M<br>Canister                       | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | LRF-M<br>Canister                       | PVCX-LO, 12-inch o.c.                | -45.0                        |
| C-197.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM               | LRF-M<br>Canister                       | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M<br>Canister                       | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0                        |
| C-198.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                 | LRF-M<br>Canister                       | (Optional) Additional layers of base insulation                                                                          | LRF-M<br>Canister                       | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                        |



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-199.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                          | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                        |
| C-200.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                          | PVCX-LM or PVCX-LO, 4-inch o.c.      | -165.0                       |
| C-201.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                          | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-202.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN                                            | LRF-M Canister                          | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-M Canister                          | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-203.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-M Canister                          | None                                                                                                                     | LRF-M Canister                          | PVCX-LM or PVCX-LO, 4-inch o.c.      | -195.0                       |
| C-204.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH        | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | LRF-XF                                  | PVCX-LO, 12-inch o.c.                | -45.0                        |
| C-205.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH        | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                                  | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0                        |
| C-206.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH        | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                  | PVCX-LM, 12-inch o.c.                | -45.0                        |
| C-207.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-XF                                  | (Optional) Additional layers of base insulation                                                                          | LRF-XF                                  | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                        |
| C-208.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                  | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                        |
| C-209.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                  | PVCX-LM or PVCX-LO, 4-inch o.c.      | -165.0                       |
| C-210.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                        | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                  | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-211.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                        | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                  | PVCX-LM, 4-inch o.c.                 | -180.0                       |
| C-212.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                        | LRF-XF                                  | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-XF                                  | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                                |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                                 | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-213.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                                   | LRF-XF                                  | (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                | LRF-XF                                  | PVCX-LM, 4-inch o.c.                 | -180.0                       |
| C-214.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                                           | LRF-XF                                  | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                  | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-215.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                    | LRF-XF                                  | None                                                                                                                     | N/A                                     | PVCX-LM or PVCX-LO, 4-inch o.c.      | -195.0                       |
| C-216.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                   | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board  | OB500                                   | PVCX-LM, 12-inch o.c.                | -37.5                        |
| C-217.     | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                         | OB500                                   | (Optional) Additional layers of base insulation                                                                          | OB500                                   | PVCX-LM or PVCX-LO, 6-inch o.c.      | -45.0                        |
| C-218.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH                   | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | OB500                                   | PVCX-LO, 12-inch o.c.                | -45.0                        |
| C-219.     | Structural concrete              | (Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                              | OB500                                   | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                       | OB500                                   | PVCX-LM, 6-inch o.c.                 | -45.0                        |
| C-220.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                   | PVCX-LM or PVCX-LO, 12-inch o.c.     | -45.0                        |
| C-221.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                   | PVCX-LM, 12-inch o.c.                | -45.0                        |
| C-222.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                      | OB500                                   | (Optional) Additional layers of base insulation                                                                          | OB500                                   | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                        |
| C-223.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                   | PVCX-LM or PVCX-LO, 12-inch o.c.     | -60.0                        |
| C-224.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                              | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                   | PVCX-LM or PVCX-LO, 4-inch o.c.      | -165.0                       |
| C-225.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN                 | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-226.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN                 | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                   | PVCX-LM, 4-inch o.c.                 | -180.0                       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                                                           | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                 |                                         | Top Insulation Layer                                                                                                    |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|                                                                                                      |                                  | Type                                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                    | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-227.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN  | OB500                                   | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                            | OB500                                   | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-228.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN  | OB500                                   | (Optional) Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                               | OB500                                   | PVCX-LM, 4-inch o.c.                 | -180.0                       |
| C-229.                                                                                               | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                            | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                             | OB500                                   | PVCX-LM or PVCX-LO, 4-inch o.c.      | -180.0                       |
| C-230.                                                                                               | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                     | OB500                                   | None                                                                                                                    | N/A                                     | PVCX-LM or PVCX-LO, 4-inch o.c.      | -195.0                       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                  |                                                                                                                       |                                         |                                                                                                                         |                                         |                                      |                              |
| C-231.                                                                                               | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN                                                            | LRF-M                                   | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                        | LRF-M                                   | PVCF-LM, 12-inch o.c.                | -37.5                        |
| C-232.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | LRF-M                                   | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board | LRF-M                                   | PVCF-LM, 12-inch o.c.                | -37.5                        |
| C-233.                                                                                               | Structural concrete              | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                        | LRF-M                                   | (Optional) Additional layers base insulation                                                                            | LRF-M                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0                        |
| C-234.                                                                                               | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN                                                            | LRF-M                                   | Min. 0.25-inch DensDeck Prime                                                                                           | LRF-M                                   | PVCF-LO, 12-inch o.c.                | -45.0                        |
| C-235.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | LRF-M                                   | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                    | LRF-M                                   | PVCF-LO, 12-inch o.c.                | -45.0                        |
| C-236.                                                                                               | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN                                                            | LRF-M                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                         | LRF-M                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0                        |
| C-237.                                                                                               | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH. EnergyGuard RN                                                            | LRF-M                                   | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                          | LRF-M                                   | PVCF-LM, 12-inch o.c.                | -45.0                        |
| C-238.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | LRF-M                                   | Additional optional layers base insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                  | LRF-M                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0                        |
| C-239.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | LRF-M                                   | Additional optional layers base insulation followed by Min. 0.25-inch DEXcell FA Glass Mat Roof Board                   | LRF-M                                   | PVCF-LM, 12-inch o.c.                | -45.0                        |
| C-240.                                                                                               | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN | LRF-M                                   | (Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board   | LRF-M                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -60.0                        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                 |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-241.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN | LRF-M                                   | (Optional) Additional layers base insulation and/or min. 0.25-inch DEXcell FA Glass Mat Roof Board                       | LRF-M                                   | PVCF-LM, 12-inch o.c.                | -60.0                        |
| C-242.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                            | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -60.0                        |
| C-243.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                               | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -165.0                       |
| C-244.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RN, EnergyGuard RM                                          | LRF-M                                   | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                       | LRF-M                                   | PVCF-LM, 12-inch o.c.                | -67.5                        |
| C-245.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN  | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                   | PVCF-LM or PVCF-LO, 4-inch o.c.      | -180.0                       |
| C-246.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN  | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                   | PVCF-LM, 4-inch o.c.                 | -180.0                       |
| C-247.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                            | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -180.0                       |
| C-248.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                     | LRF-M                                   | None                                                                                                                     | N/A                                     | PVCF-LM or PVCF-LO, 4-inch o.c.      | -195.0                       |
| C-249.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                          | LRF-M                                   | (Optional) Additional layers base insulation                                                                             | LRF-M                                   | PVCF-LM, 4-inch o.c.                 | -210.0                       |
| C-250.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM        | LRF-M Canister                          | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                     | LRF-M Canister                          | PVCF-LM, 12-inch o.c.                | -37.5                        |
| C-251.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                        | LRF-M Canister                          | (Optional) Additional layers base insulation                                                                             | LRF-M Canister                          | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0                        |
| C-252.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM        | LRF-M Canister                          | Additional optional layers base insulation followed by Min. 0.25-inch DensDeck Prime                                     | LRF-M Canister                          | PVCF-LO, 12-inch o.c.                | -45.0                        |
| C-253.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM        | LRF-M Canister                          | Additional optional layers base insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M Canister                          | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0                        |
| C-254.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN                                       | LRF-M Canister                          | (Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board    | LRF-M Canister                          | PVCF-LM or PVCF-LO, 12-inch o.c.     | -60.0                        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-255.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                          | PVCF-LM or PVCF-LO, 12-inch o.c.     | -165.0                       |
| C-256.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                        | LRF-M Canister                          | PVCF-LM, 12-inch o.c.                | -67.5                        |
| C-257.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                          | PVCF-LM or PVCF-LO, 4-inch o.c.      | -180.0                       |
| C-258.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-M Canister                          | None                                                                                                                     | N/A                                     | PVCF-LM or PVCF-LO, 4-inch o.c.      | -195.0                       |
| C-259.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                          | (Optional) Additional layers base insulation                                                                             | LRF-M Canister                          | PVCF-LM, 4-inch o.c.                 | -210.0                       |
| C-260.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-XF                                  | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board  | LRF-XF                                  | PVCF-LM, 12-inch o.c.                | -37.5                        |
| C-261.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-XF                                  | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime                                     | LRF-XF                                  | PVCF-LO, 12-inch o.c.                | -45.0                        |
| C-262.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-XF                                  | Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                                  | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0                        |
| C-263.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-XF                                  | Additional optional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                  | PVCF-LM, 12-inch o.c.                | -45.0                        |
| C-264.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA                        | LRF-XF                                  | (Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board    | LRF-XF                                  | PVCF-LM or PVCF-LO, 12-inch o.c.     | -60.0                        |
| C-265.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA                        | LRF-XF                                  | (Optional) Additional layers base insulation and/or min. 0.25-inch DEXcell FA Glass Mat Roof Board                       | LRF-XF                                  | PVCF-LM, 12-inch o.c.                | -60.0                        |
| C-266.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                  | PVCF-LM or PVCF-LO, 12-inch o.c.     | -60.0                        |
| C-267.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                  | PVCF-LM or PVCF-LO, 12-inch o.c.     | -165.0                       |
| C-268.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                        | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                  | PVCF-LM or PVCF-LO, 4-inch o.c.      | -180.0                       |
| C-269.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                        | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                  | PVCF-LM, 4-inch o.c.                 | -180.0                       |



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                 |                                         | Top Insulation Layer                                                                                                    |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                    | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-270.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                            | LRF-XF                                  | Min. 1.5-inch Ultra HD Composite Insulation                                                                             | LRF-XF                                  | PVCF-LM or PVCF-LO, 12-inch o.c.     | -180.0                       |
| C-271.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                     | LRF-XF                                  | None                                                                                                                    | N/A                                     | PVCF-LM or PVCF-LO, 4-inch o.c.      | -195.0                       |
| C-272.     | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN                                                            | OB500                                   | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                        | OB500                                   | PVCF-LM, 12-inch o.c.                | -37.5                        |
| C-273.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | OB500                                   | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board | OB500                                   | PVCF-LM, 12-inch o.c.                | -37.5                        |
| C-274.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                        | OB500                                   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                       | OB500                                   | PVCF-LO, 12-inch o.c.                | -37.5                        |
| C-275.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                        | OB500                                   | (Optional) Additional layers base insulation                                                                            | OB500                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0                        |
| C-276.     | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN                                                            | OB500                                   | Min. 0.25-inch DensDeck Prime                                                                                           | OB500                                   | PVCF-LO, 12-inch o.c.                | -45.0                        |
| C-277.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | OB500                                   | Additional optional layers base insulation followed by min. 0.25-inch DensDeck Prime                                    | OB500                                   | PVCF-LO, 12-inch o.c.                | -45.0                        |
| C-278.     | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN                                                            | OB500                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                         | OB500                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0                        |
| C-279.     | Structural concrete              | Min. 1-inch EnergyGuard RA, EnergyGuard RH, EnergyGuard RN                                                            | OB500                                   | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                          | OB500                                   | PVCF-LM, 12-inch o.c.                | -45.0                        |
| C-280.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | OB500                                   | Additional optional layers base insulation followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                  | OB500                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -45.0                        |
| C-281.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | OB500                                   | Additional optional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                   | OB500                                   | PVCF-LM, 12-inch o.c.                | -45.0                        |
| C-282.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                        | OB500                                   | (Optional) Additional layer of base insulation                                                                          | OB500                                   | PVCF-LO, 12-inch o.c.                | -45.0                        |
| C-283.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                        | OB500                                   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                       | OB500                                   | PVCF-LO, 12-inch o.c.                | -45.0                        |
| C-284.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN | OB500                                   | (Optional) Additional layers base insulation and/or min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board   | OB500                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -60.0                        |
| C-285.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN | OB500                                   | (Optional) Additional layers base insulation and/or min. 0.25-inch DEXcell FA Glass Mat Roof Board                      | OB500                                   | PVCF-LM, 12-inch o.c.                | -60.0                        |



**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                                                  | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|-------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|                                                             |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-286.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -60.0                        |
| C-287.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -165.0                       |
| C-288.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN      | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVCF-LM or PVCF-LO, 4-inch o.c.      | -180.0                       |
| C-289.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN      | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                   | PVCF-LM, 4-inch o.c.                 | -180.0                       |
| C-290.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                                | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                   | PVCF-LM or PVCF-LO, 12-inch o.c.     | -180.0                       |
| C-291.                                                      | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | OB500                                   | None                                                                                                                     | N/A                                     | PVCF-LM or PVCF-LO, 4-inch o.c.      | -195.0                       |
| <b>EVERGUARD PVC XK FLEECEBACK IN SPATTER APPLICATIONS:</b> |                                  |                                                                                                                           |                                         |                                                                                                                          |                                         |                                      |                              |
| C-292.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-M                                   | (Optional) Additional layers of base insulation                                                                          | LRF-M                                   | PVCX-OB                              | -60.0                        |
| C-293.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                   | PVCX-OB                              | -165.0                       |
| C-294.                                                      | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                                | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                   | PVCX-OB                              | -180.0                       |
| C-295.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN      | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                   | PVCX-OB                              | -180.0                       |
| C-296.                                                      | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN      | LRF-M                                   | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-M                                   | PVCX-OB                              | -180.0                       |
| C-297.                                                      | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-M                                   | None                                                                                                                     | N/A                                     | PVCX-OB                              | -195.0                       |
| C-298.                                                      | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                          | (Optional) Additional layers of base insulation                                                                          | LRF-M Canister                          | PVCX-OB                              | -60.0                        |
| C-299.                                                      | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                          | PVCX-OB                              | -165.0                       |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                |                                         | Top Insulation Layer                                                                                                     |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                 | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                     | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-300.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                          | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                          | PVCX-OB                              | -180.0                       |
| C-301.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH or EnergyGuard RN                                       | LRF-M Canister                          | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-M Canister                          | PVCX-OB                              | -180.0                       |
| C-302.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M Canister                          | None                                                                                                                     | LRF-M Canister                          | PVCX-OB                              | -195.0                       |
| C-303.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                      | LRF-XF                                  | (Optional) Additional layers of base insulation                                                                          | LRF-XF                                  | PVCX-OB                              | -60.0                        |
| C-304.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                              | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                  | PVCX-OB                              | -165.0                       |
| C-305.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                           | LRF-XF                                  | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                  | PVCX-OB                              | -180.0                       |
| C-306.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                   | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                  | PVCX-OB                              | -180.0                       |
| C-307.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                   | LRF-XF                                  | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | LRF-XF                                  | PVCX-OB                              | -180.0                       |
| C-308.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-XF                                  | None                                                                                                                     | N/A                                     | PVCX-OB                              | -195.0                       |
| C-309.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                      | OB500                                   | (Optional) Additional layers of base insulation                                                                          | OB500                                   | PVCX-OB                              | -60.0                        |
| C-310.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                              | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                   | PVCX-OB                              | -165.0                       |
| C-311.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                           | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                   | PVCX-OB                              | -180.0                       |
| C-312.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVCX-OB                              | -180.0                       |
| C-313.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN | OB500                                   | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                             | OB500                                   | PVCX-OB                              | -180.0                       |
| C-314.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                    | OB500                                   | None                                                                                                                     | N/A                                     | PVCX-OB                              | -195.0                       |

EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK IN SPATTER APPLICATIONS:

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                     |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-315.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN     | LRF-M                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                   | PVCF-XF or PVCF-OB                   | -90.0                        |
| C-316.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-M                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                   | PVCF-XF or PVCF-OB                   | -165.0                       |
| C-317.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                                | LRF-M                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                   | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-318.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | LRF-M                                   | (Optional) Additional layers base insulation                                                                                                                                              | LRF-M                                   | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-319.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN      | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M                                   | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-320.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN      | LRF-M                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                     | LRF-M                                   | PVCF-XF                              | -180.0                       |
| C-321.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-M                                   | None                                                                                                                                                                                      | N/A                                     | PVCF-XF or PVCF-OB                   | -195.0                       |
| C-322.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M<br>Canister                       | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-M<br>Canister                       | PVCF-XF or PVCF-OB                   | -90.0                        |
| C-323.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M<br>Canister                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M<br>Canister                       | PVCF-XF or PVCF-OB                   | -165.0                       |
| C-324.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M<br>Canister                       | (Optional) Additional layers base insulation                                                                                                                                              | LRF-M<br>Canister                       | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-325.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M<br>Canister                       | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-M<br>Canister                       | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-326.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                         | LRF-M<br>Canister                       | None                                                                                                                                                                                      | N/A                                     | PVCF-XF or PVCF-OB                   | -195.0                       |
| C-327.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA                        | LRF-XF                                  | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                  | PVCF-XF or PVCF-OB                   | -90.0                        |

**TABLE 3A: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                 |                                         | Top Insulation Layer                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| C-328.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | LRF-XF                                  | (Optional) Additional layers base insulation                                                                                                                                              | LRF-XF                                  | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-329.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                               | LRF-XF                                  | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-XF                                  | PVCF-XF or PVCF-OB                   | -165.0                       |
| C-330.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                            | LRF-XF                                  | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-XF                                  | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-331.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                    | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | LRF-XF                                  | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-332.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH                    | LRF-XF                                  | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                     | LRF-XF                                  | PVCF-XF                              | -180.0                       |
| C-333.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                     | LRF-XF                                  | None                                                                                                                                                                                      | LRF-XF                                  | PVCF-XF or PVCF-OB                   | -195.0                       |
| C-334.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN | OB500                                   | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                   | PVCF-XF or PVCF-OB                   | -90.0                        |
| C-335.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                               | OB500                                   | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                   | PVCF-XF or PVCF-OB                   | -165.0                       |
| C-336.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                            | OB500                                   | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                   | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-337.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                       | OB500                                   | (Optional) Additional layers base insulation                                                                                                                                              | OB500                                   | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-338.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN  | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                  | OB500                                   | PVCF-XF or PVCF-OB                   | -180.0                       |
| C-339.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN  | OB500                                   | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                     | OB500                                   | PVCF-XF                              | -180.0                       |
| C-340.     | Structural concrete              | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                     | OB500                                   | None                                                                                                                                                                                      | N/A                                     | PVCF-XF or PVCF-OB                   | -195.0                       |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                 |                                         | Top Insulation Layer                                                                                                                                                                                                                                                                        |                                         | Roof Cover <a href="#">(Note 15)</a> |                                                                  | MDP<br><a href="#">(psf)</a> |
|---------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------------------------------------------|------------------------------|
|                           |                                  | Type                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                                                                                                                                                                        | Attach<br><a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                                          |                              |
| ASPHALT-APPLIED BASE PLY: |                                  |                                                                                                       |                                         |                                                                                                                                                                                                                                                                                             |                                         |                                      |                                                                  |                              |
| C-341.                    | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                            | hot asphalt                             | Min. 0.25-inch DensDeck, DensDeck Prime or SECUROCK Gypsum Fiber Roof Board, min. 0.5-inch EnergyGuard Perlite Recover Board or Structodek High Density Fiberboard Roof Insulation, min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous) or min. 1.5-inch EnergyGuard Composite | hot asphalt                             | SBS-AA                               | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                 | -60.0                        |
| C-342.                    | Structural concrete              | Min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous)                                      | hot asphalt                             | None                                                                                                                                                                                                                                                                                        | N/A                                     | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -140.0                       |
| C-343.                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                       | hot asphalt                             | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation, EnergyGuard Perlite Recover Board, min. 0.75-inch EnergyGuard Perlite Roof Insulation, min. 0.25-inch DensDeck, DensDeck Prime, SECUROCK Gypsum Fiber Roof Board                                                          | hot asphalt                             | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -150.0                       |
| C-344.                    | Structural concrete              | Min. 0.5-inch EnergyGuard Perlite Recover Board or Structodek High Density Fiberboard Roof Insulation | hot asphalt                             | None                                                                                                                                                                                                                                                                                        | N/A                                     | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -165.0                       |
| C-345.                    | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                        | hot asphalt                             | Min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous)                                                                                                                                                                                                                            | hot asphalt                             | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -172.5                       |
| C-346.                    | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                        | hot asphalt                             | Min. 0.5-inch EnergyGuard Perlite Recover Board                                                                                                                                                                                                                                             | hot asphalt                             | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -187.5                       |
| C-347.                    | Structural concrete              | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN  | hot asphalt                             | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                             | hot asphalt                             | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -225.0                       |
| C-348.                    | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                        | hot asphalt                             | Min. 0.25-inch DensDeck or DensDeck Prime                                                                                                                                                                                                                                                   | hot asphalt                             | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -240.0                       |
| C-349.                    | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN        | hot asphalt                             | Min. 0.75-inch EnergyGuard Perlite Roof Insulation (homogeneous), min. 0.5-inch Structodek High Density Fiberboard Roof Insulation or EnergyGuard Perlite Recover Board, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                  | hot asphalt                             | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -255.0                       |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY**  
 REFER TO [TABLE 11](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                 |                                         | Top Insulation Layer                                                                                                                  |                                         | Roof Cover <a href="#">(Note 15)</a> |                                                                  | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------------------------------------------|------------------------------|
|            |                                  | Type                                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                                                                  | Attach<br><a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                                          |                              |
| C-350.     | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                             | hot asphalt                             | Min. 1.5-inch EnergyGuard Composite                                                                                                   | hot asphalt                             | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -270.0                       |
| C-351.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                        | hot asphalt                             | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                      | hot asphalt                             | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -307.5                       |
| C-352.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN | hot asphalt                             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board                                                                     | hot asphalt                             | SBS-AA                               | PVCF-HA                                                          | -495.0                       |
| C-353.     | Structural concrete              | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                      | LRF-M                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-M                                   | SBS-AA                               | PVCF-LO, 12-inch o.c.                                            | -60.0                        |
| C-354.     | Structural concrete              | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                      | LRF-M                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-M                                   | SBS-AA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB               | -180.0                       |
| C-355.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM        | LRF-M Canister                          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-M Canister                          | SBS-AA                               | PVCF-LO, 12-inch o.c.                                            | -60.0                        |
| C-356.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM        | LRF-M Canister                          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-M Canister                          | SBS-AA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB               | -180.0                       |
| C-357.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                            | LRF-XF                                  | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board                                                                     | LRF-XF                                  | SBS-AA                               | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                 | -60.0                        |
| C-358.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                                          | LRF-XF                                  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-XF                                  | SBS-AA                               | PVCF-LO, 12-inch o.c.                                            | -60.0                        |
| C-359.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                          | LRF-XF                                  | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                     | LRF-XF                                  | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -180.0                       |
| C-360.     | Structural concrete              | Min. 2.0-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard Ultra                                                     | LRF-XF                                  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                       | LRF-XF                                  | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -225.0                       |
| C-361.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                          | LRF-XF                                  | Min. 0.25-inch DensDeck or DensDeck Prime                                                                                             | LRF-XF                                  | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB | -240.0                       |
| C-362.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                            | OB500                                   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board or min. 0.5-inch Structodek High Density Fiberboard Roof Insulation | OB500                                   | SBS-AA                               | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                 | -60.0                        |



**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                     | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                                                |                                         | Top Insulation Layer                                              |                                         | Roof Cover <a href="#">(Note 15)</a> |                                                                           | MDP<br><a href="#">(psf)</a> |
|--------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|-----------------------------------------|--------------------------------------|---------------------------------------------------------------------------|------------------------------|
|                                |                                  | Type                                                                                                                                 | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                              | Attach<br><a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                                                   |                              |
| C-363.                         | Structural concrete              | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                                     | OB500                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                   | SBS-AA                               | PVCF-LO, 12-inch o.c.                                                     | -60.0                        |
| C-364.                         | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                       | OB500                                   | Min. 0.25-inch DensDeck or DensDeck Prime                         | OB500                                   | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB          | -150.0                       |
| C-365.                         | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                            | OB500                                   | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation  | OB500                                   | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB          | -165.0                       |
| C-366.                         | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                   | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB          | -187.5                       |
| C-367.                         | Structural concrete              | Min. 2.0-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                   | SBS-AA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.) or PVCF-OB          | -225.0                       |
| <b>TORCH-APPLIED BASE PLY:</b> |                                  |                                                                                                                                      |                                         |                                                                   |                                         |                                      |                                                                           |                              |
| C-368.                         | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                           | hot asphalt                             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board | hot asphalt                             | SBS-TA                               | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                          | -60.0                        |
| C-369.                         | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN                | hot asphalt                             | Min. 0.25-inch DensDeck Prime                                     | hot asphalt                             | SBS-TA                               | PVCF-HA                                                                   | -232.5                       |
| C-370.                         | Structural concrete              | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                 | hot asphalt                             | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | hot asphalt                             | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -232.5                       |
| C-371.                         | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, or EnergyGuard RN                | hot asphalt                             | Min. 0.25-inch SECUROCK Gypsum Fiber Roof Board                   | hot asphalt                             | SBS-TA                               | PVCF-HA                                                                   | -285.0                       |
| C-372.                         | Structural concrete              | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                                     | LRF-M                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M                                   | SBS-TA                               | PVCF-LO, 12-inch o.c.                                                     | -60.0                        |
| C-373.                         | Structural concrete              | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                                     | LRF-M                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M                                   | SBS-TA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                       |
| C-374.                         | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                       | LRF-M Canister                          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M Canister                          | SBS-TA                               | PVCF-LO, 12-inch o.c.                                                     | -60.0                        |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY**  
 REFER TO [TABLE 1B](#) FOR VAPOR BARRIER OPTIONS

| System No. | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                          |                                         | Top Insulation Layer                                                                            |                                         | Roof Cover <a href="#">(Note 15)</a> |                                                                           | MDP<br><a href="#">(psf)</a> |
|------------|----------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|---------------------------------------------------------------------------|------------------------------|
|            |                                  | Type                                                                                                           | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                                                            | Attach<br><a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                                                   |                              |
| C-375.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-M Canister                          | SBS-TA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                       |
| C-376.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | LRF-XF                                  | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board                               | LRF-XF                                  | SBS-TA                               | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                          | -60.0                        |
| C-377.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                                   | LRF-XF                                  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-XF                                  | SBS-TA                               | PVCF-LO, 12-inch o.c.                                                     | -60.0                        |
| C-378.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                                   | LRF-XF                                  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-XF                                  | SBS-TA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                       |
| C-379.     | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF                                  | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                               | LRF-XF                                  | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -180.0                       |
| C-380.     | Structural concrete              | Min. 2.0-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard Ultra                                              | LRF-XF                                  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | LRF-XF                                  | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -232.5                       |
| C-381.     | Structural concrete              | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                                                   | LRF-XF                                  | Min. 0.25-inch DensDeck or DensDeck Prime                                                       | LRF-XF                                  | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -240.0                       |
| C-382.     | Structural concrete              | Min. 0.25-inch DensDeck Prime                                                                                  | LRF-XF                                  | None                                                                                            | N/A                                     | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -245.0                       |
| C-383.     | Structural concrete              | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                     | OB500                                   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum Fiber Roof Board                               | OB500                                   | SBS-TA                               | PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.)                          | -60.0                        |
| C-384.     | Structural concrete              | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                               | OB500                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | OB500                                   | SBS-TA                               | PVCF-LO, 12-inch o.c.                                                     | -60.0                        |
| C-385.     | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                 | OB500                                   | Min. 0.25-inch DensDeck or DensDeck Prime                                                       | OB500                                   | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -150.0                       |
| C-386.     | Structural concrete              | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                               | OB500                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                 | OB500                                   | SBS-AA or SBS-TA                     | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                       |
| C-387.     | Structural concrete              | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                                     | OB500                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, primed with Matrix™ 307 Premium Asphalt Primer | OB500                                   | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -210.0                       |

**TABLE 3B: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED BASE AND CAP PLY**  
 REFER TO [TABLE 1A](#) FOR VAPOR BARRIER OPTIONS

| System No.                     | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                           |                                         | Top Insulation Layer                                              |                                         | Roof Cover <a href="#">(Note 15)</a> |                                                                           | MDP<br><a href="#">(psf)</a> |
|--------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|-----------------------------------------|--------------------------------------|---------------------------------------------------------------------------|------------------------------|
|                                |                                  | Type                                                                                                            | Attach<br><a href="#">(Notes 6,7,8)</a> | Type                                                              | Attach<br><a href="#">(Notes 6,7,8)</a> | Base Ply                             | Cap Ply                                                                   |                              |
| C-388.                         | Structural concrete              | Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN            | OB500                                   | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -240.0                       |
| C-389.                         | Structural concrete              | (Optional) Min. 1.5-inch EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                   | Min. 0.25-inch DensDeck Prime                                     | OB500                                   | SBS-TA                               | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -300.0                       |
| <b>SELF-ADHERING BASE PLY:</b> |                                  |                                                                                                                 |                                         |                                                                   |                                         |                                      |                                                                           |                              |
| C-390.                         | Structural concrete              | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                | LRF-M                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M                                   | SBS-SA                               | PVCF-LO, 12-inch o.c.                                                     | -60.0                        |
| C-391.                         | Structural concrete              | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                | LRF-M                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M                                   | SBS-SA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                       |
| C-392.                         | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM  | LRF-M Canister                          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M Canister                          | SBS-SA                               | PVCF-LO, 12-inch o.c.                                                     | -60.0                        |
| C-393.                         | Structural concrete              | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM  | LRF-M Canister                          | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-M Canister                          | SBS-SA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                       |
| C-394.                         | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                                    | LRF-XF                                  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                                  | SBS-SA                               | PVCF-LO, 12-inch o.c.                                                     | -60.0                        |
| C-395.                         | Structural concrete              | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                                    | LRF-XF                                  | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | LRF-XF                                  | SBS-SA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                       |
| C-396.                         | Structural concrete              | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                | OB500                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                   | SBS-SA                               | PVCF-LO, 12-inch o.c.                                                     | -60.0                        |
| C-397.                         | Structural concrete              | EnergyGuard Polyiso Insulation, EnergyGuard RH, EnergyGuard RM or EnergyGuard RN                                | OB500                                   | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                   | OB500                                   | SBS-SA                               | PVCF-HA, PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB                        | -180.0                       |

**TABLE 3c: STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No. | Roof Deck <a href="#">(Note 1)</a> | Primer                             | Roof Cover <a href="#">(Note 15)</a> |                                                                           | MDP <a href="#">(psf)</a> |
|------------|------------------------------------|------------------------------------|--------------------------------------|---------------------------------------------------------------------------|---------------------------|
|            |                                    |                                    | Base Ply                             | Cap Ply                                                                   |                           |
| C-398.     | Min. 2,500 psi structural concrete | None                               | None                                 | PVCX-LM or PVCX-LO, 6-inch o.c.                                           | -45.0                     |
| C-399.     | Min. 2,500 psi structural concrete | None                               | None                                 | PVCF-LM or PVCF-LO, 12-inch o.c.                                          | -60.0                     |
| C-400.     | Min. 2,500 psi structural concrete | Matrix™ 307 Premium Asphalt Primer | SBS-AA or SBS-TA                     | PVCF-LM or PVCF-LO, 12-inch o.c.                                          | -60.0                     |
| C-401.     | Min. 2,500 psi structural concrete | Matrix™ 307 Premium Asphalt Primer | SBS-AA or SBS-TA                     | PVCF-HA, PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB | -330.0                    |
| C-402.     | Min. 2,500 psi structural concrete | None                               | None                                 | PVCF-LM or PVCF-LO, 4-inch o.c.                                           | -337.5                    |
| C-403.     | Min. 2,500 psi structural concrete | Matrix™ 307 Premium Asphalt Primer | None                                 | PVCF-HA                                                                   | -390.0                    |
| C-404.     | Min. 2,500 psi structural concrete | Matrix™ 307 Premium Asphalt Primer | None                                 | PVCX-HA                                                                   | -502.5                    |

**TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE E-2: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

| System No.                                                                 | Deck <a href="#">(Note 1)</a>                                                               | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                                  | Base Sheet                                                                                                                                        |                                                                                                                                                 |                                                                                                                                                                                         | Roof Cover <a href="#">(Note 15)</a> |                    | MDP <a href="#">(psf)</a> |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------|---------------------------|
|                                                                            |                                                                                             |                                                                                                                                                                                                 | Type                                                                                                                                              | Fastener <a href="#">(Note 11)</a>                                                                                                              | Attach                                                                                                                                                                                  | Base                                 | Cap                |                           |
| HYBRID SYSTEMS / EVERGUARD PVC XK FLEECEBACK:                              |                                                                                             |                                                                                                                                                                                                 |                                                                                                                                                   |                                                                                                                                                 |                                                                                                                                                                                         |                                      |                    |                           |
| LWC-1.                                                                     | Min. 22 ga., type B, Grade 40 vented steel; 6 ft span or min. 2,500 psi structural concrete | Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete. <b>Note:</b> <i>Fastener withdrawal</i> ; <b>min. 60 lbf per <a href="#">Note 11</a></b> .               | GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail                             | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | (Optional) SBS-AA or SBS-TA          | PVCX-HA            | -52.5                     |
| LWC-2.                                                                     | Min. 22 ga., type B, Grade 40 vented steel; 6 ft span or min. 2,500 psi structural concrete | Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete. <b>Note:</b> <i>Fastener withdrawal</i> ; <b>min. 60 lbf per <a href="#">Note 11</a></b> .               | GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail                             | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | SBS-AA or SBS-TA                     | PVCX-OB            | -52.5                     |
| LWC-3.                                                                     | Min. 22 ga., type B, Grade 50 steel; 6 ft span or min. 2,500 psi structural concrete        | Min. 180 psi, min. 3-inch thick pre-existent cellular lightweight concrete.                                                                                                                     | Ruberoid Mop Smooth 1.5 or Ruberoid Mop Smooth                                                                                                    | Drill-Tec XHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate, fastened through LWC to engage steel deck | Fastener located 3.75-inch from edge of sheet, and spaced 12-inch o.c. within the min. 6.25-inch wide laps. Laps sealed with min. 4-inch wide heat-weld, encapsulating the fastener row | (Optional) SBS-TA                    | PVCX-OB            | -60.0                     |
| LWC-4.                                                                     | Min. 22 ga., type BV, Grade 40 steel; 6 ft span or min. 2,500 psi structural concrete       | Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> <i>Fastener withdrawal</i> ; <b>min. 95 lbf per <a href="#">Note 11</a></b> . | Ruberoid 20 Smooth                                                                                                                                | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.), Drill-Tec Locking Impact Nail                             | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | SBS-TA                               | PVCX-HA            | -82.5                     |
| LWC-5.                                                                     | Min. 22 ga., type BV, Grade 40 steel; 6 ft span or min. 2,500 psi structural concrete       | Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> <i>Fastener withdrawal</i> ; <b>min. 95 lbf per <a href="#">Note 11</a></b> . | GAFGLAS #80 Ultima Base Sheet or GAFGLAS Stratavent Nailable Venting Base Sheet                                                                   | Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Locking Impact Nail                                                                          | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | SBS-TA                               | PVCX-HA            | -82.5                     |
| HYBRID SYSTEMS / EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK: |                                                                                             |                                                                                                                                                                                                 |                                                                                                                                                   |                                                                                                                                                 |                                                                                                                                                                                         |                                      |                    |                           |
| LWC-6.                                                                     | Min. 22 ga., type B, Grade 40 vented steel; 6 ft span or min. 2,500 psi structural concrete | Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight concrete. <b>Note:</b> <i>Fastener withdrawal</i> ; <b>min. 60 lbf per <a href="#">Note 11</a></b> .                          | GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail                           | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | (Optional) SBS-AA or SBS-TA          | PVCF-HA            | -52.5                     |
| LWC-7.                                                                     | Min. 22 ga., type B, Grade 40 vented steel; 6 ft span or min. 2,500 psi structural concrete | Min. 340 psi, min. 2-inch thick pre-existent cellular lightweight concrete. <b>Note:</b> <i>Fastener withdrawal</i> ; <b>min. 60 lbf per <a href="#">Note 11</a></b> .                          | GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Stratavent Nailable Venting Base Sheet, Ruberoid 20 Smooth | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.) or Drill-Tec Locking Impact Nail                           | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | SBS-AA or SBS-TA                     | PVCF-XF or PVCF-OB | -52.5                     |

**TABLE 4A: LIGHTWEIGHT CONCRETE OVER STEEL OR STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE E-2: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

| System No. | Deck <a href="#">(Note 1)</a>                                                         | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                         | Base Sheet                                                                      |                                                                                                                                                 |                                                                                                                                                                                         | Roof Cover <a href="#">(Note 15)</a> |                    | MDP <a href="#">(psf)</a> |
|------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------|---------------------------|
|            |                                                                                       |                                                                                                                                                                                        | Type                                                                            | Fastener <a href="#">(Note 11)</a>                                                                                                              | Attach                                                                                                                                                                                  | Base                                 | Cap                |                           |
| LWC-8.     | Min. 22 ga., type B, Grade 50 steel; 6 ft span or min. 2,500 psi structural concrete  | Min. 180 psi, min. 3-inch thick pre-existent cellular lightweight concrete.                                                                                                            | Ruberoid Mop Smooth 1.5 or Ruberoid Mop Smooth                                  | Drill-Tec XHD Fastener with Drill-Tec 2-3/8 in. Barbed XHD Plate or Drill-Tec Eyehook AccuSeam Plate, fastened through LWC to engage steel deck | Fastener located 3.75-inch from edge of sheet, and spaced 12-inch o.c. within the min. 6.25-inch wide laps. Laps sealed with min. 4-inch wide heat-weld, encapsulating the fastener row | (Optional) SBS-TA                    | PVCF-XF or PVCF-OB | -60.0                     |
| LWC-9.     | Min. 22 ga., type BV, Grade 40 steel; 6 ft span or min. 2,500 psi structural concrete | Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; <b>min. 95 lbf per <a href="#">Note 11</a>.</b> | Ruberoid 20 Smooth                                                              | Drill-Tec Base Sheet Fastener (1.7 in.) or Drill-Tec Base Sheet Fastener E (1.7 in.), Drill-Tec Locking Impact Nail                             | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | SBS-TA                               | PVCF-HA or PVCF-XF | -82.5                     |
| LWC-10.    | Min. 22 ga., type BV, Grade 40 steel; 6 ft span or min. 2,500 psi structural concrete | Re-Roof Only: Min. 210 psi, min. 2-inch thick pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; <b>min. 95 lbf per <a href="#">Note 11</a>.</b> | GAFGLAS #80 Ultima Base Sheet or GAFGLAS Stratavent Nailable Venting Base Sheet | Drill-Tec Base Sheet Fastener (1.7 in.), Drill-Tec Locking Impact Nail                                                                          | 7-inch o.c. at min. 4-inch laps and 7-inch o.c. in two, equally spaced, staggered center rows                                                                                           | SBS-TA                               | PVCF-HA or PVCF-XF | -82.5                     |

**TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No.                                                             | Deck <a href="#">(Note 1)</a>                   | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                          |                                 |                 | Roof Cover <a href="#">(Note 15)</a>           | <a href="#">MDP (psf)</a> |
|------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|------------------------------------------------|---------------------------|
|                                                                        |                                                 | Type                                                                                                                                                                                    | Min. Compressive Strength (psi) | Min. Thick (in) |                                                |                           |
| CELCORE (FL2037):                                                      |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| LWC-11.                                                                | Min. 22 ga., Type BV, Grade 40 steel; 6 ft span | Deck treatment: Celcore S-1 Deck Preparation Slurry<br>LWC: Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture<br>Surface treatment: Celcore PVA Curing Compound | 310                             | 2               | PVCF-LM (6-inch o.c.) or PVCF-LO (6-inch o.c.) | -82.5                     |
| LWC-12.                                                                | Min. 22 ga., Type BV, Grade 40 steel; 6 ft span | Deck treatment: Celcore S-1 Deck Preparation Slurry<br>LWC: Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture<br>Surface treatment: Celcore PVA Curing Compound | 310                             | 2               | PVCF-OB                                        | -82.5                     |
| CONCRECEL (FL5584 AND FL10500):                                        |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| LWC-13.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Concrecel                                                                                                                                                                               | 290                             | 2               | PVCX-WB                                        | -52.5                     |
| LWC-14.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Concrecel                                                                                                                                                                               | 290                             | 2               | PVCX-OB                                        | -52.5                     |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                 |                                                                                                                                                                                         |                                 |                 |                                                |                           |
| LWC-15.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Concrecel                                                                                                                                                                               | 290                             | 2               | PVCF-OB                                        | -52.5                     |



**TABLE 4B: LIGHTWEIGHT CONCRETE OVER STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No.                                                             | Deck <a href="#">(Note 1)</a>                                            | Lightweight Concrete <a href="#">(Note 14)</a>       |                                 |                 | Roof Cover <a href="#">(Note 15)</a>           | <a href="#">MDP (psf)</a> |
|------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------|---------------------------------|-----------------|------------------------------------------------|---------------------------|
|                                                                        |                                                                          | Type                                                 | Min. Compressive Strength (psi) | Min. Thick (in) |                                                |                           |
| ELASTIZELL (NOA 18-0208.03):                                           |                                                                          |                                                      |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                                                                          |                                                      |                                 |                 |                                                |                           |
| LWC-16.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Elastizell                                           | 290                             | 2               | PVCX-WB                                        | -52.5                     |
| LWC-17.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Elastizell                                           | 290                             | 2               | PVCX-OB                                        | -52.5                     |
| LWC-18.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Elastizell                                           | 160                             | 3               | PVCX-OB                                        | -60.0                     |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                                          |                                                      |                                 |                 |                                                |                           |
| LWC-19.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Elastizell                                           | 290                             | 2               | PVCF-OB                                        | -52.5                     |
| LWC-20.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Elastizell                                           | 160                             | 3               | PVCF-OB                                        | -60.0                     |
| MEARLCRETE (FL13492):                                                  |                                                                          |                                                      |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                                                                          |                                                      |                                 |                 |                                                |                           |
| LWC-21.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Mearlcrete                                           | 290                             | 2               | PVCX-WB                                        | -52.5                     |
| LWC-22.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Mearlcrete                                           | 290                             | 2               | PVCX-OB                                        | -52.5                     |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                                          |                                                      |                                 |                 |                                                |                           |
| LWC-23.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Mearlcrete                                           | 300                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -52.5                     |
| LWC-24.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Mearlcrete                                           | 300                             | 2               | PVCF-OB                                        | -52.5                     |
| LWC-25.                                                                | Min. 22 ga., type BV, Grade 33 steel; 6 ft span                          | Mearlcrete                                           | 290                             | 2               | PVCF-OB                                        | -52.5                     |
| SIPLAST INSULCEL-PB (NOA 21-1020.03):                                  |                                                                          |                                                      |                                 |                 |                                                |                           |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                                                                          |                                                      |                                 |                 |                                                |                           |
| LWC-26.                                                                | Min. 22 ga., type B, Grade 80 steel; 6' spans, 5/8" puddle welds 6" o.c. | Inculcel-PB Cellular Lightweight Insulating Concrete | 330                             | 2               | PVCF-OB                                        | -67.5                     |
| PRE-EXISTENT CELLULAR LWC:                                             |                                                                          |                                                      |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                                                                          |                                                      |                                 |                 |                                                |                           |

**TABLE 4b: LIGHTWEIGHT CONCRETE OVER STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No.                                                                    | Deck <a href="#">(Note 1)</a>                   | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                      |                                 |                 | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|-------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|--------------------------------------|---------------------------|
|                                                                               |                                                 | Type                                                                                                                                                                                | Min. Compressive Strength (psi) | Min. Thick (in) |                                      |                           |
| LWC-27.                                                                       | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> . | 180                             | 2               | PVCX-WB                              | -52.5                     |
| LWC-28.                                                                       | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> . | 180                             | 2               | PVCX-OB                              | -52.5                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                                                 |                                                                                                                                                                                     |                                 |                 |                                      |                           |
| LWC-29.                                                                       | Min. 22 ga., type BV, Grade 33 steel; 6 ft span | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> . | 180                             | 2               | PVCF-OB                              | -52.5                     |

**TABLE 4c: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No.                                                             | Deck <a href="#">(Note 1)</a> | Lightweight Concrete <a href="#">(Note 14)</a> |                                 |                 | Roof Cover <a href="#">(Note 15)</a>           | <a href="#">MDP (psf)</a> |
|------------------------------------------------------------------------|-------------------------------|------------------------------------------------|---------------------------------|-----------------|------------------------------------------------|---------------------------|
|                                                                        |                               | Type                                           | Min. Compressive Strength (psi) | Min. Thick (in) |                                                |                           |
| CELCORE (FL2037):                                                      |                               |                                                |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                |                                 |                 |                                                |                           |
| LWC-30.                                                                | Structural concrete           | Celcore Cellular Concrete                      | 200                             | 2               | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.) | -300.0                    |
| LWC-31.                                                                | Structural concrete           | Celcore Cellular Concrete                      | 200                             | 2               | PVCX-OB                                        | -300.0                    |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                |                                 |                 |                                                |                           |
| LWC-32.                                                                | Structural concrete           | Celcore Cellular Concrete                      | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -300.0                    |
| LWC-33.                                                                | Structural concrete           | Celcore Cellular Concrete                      | 200                             | 2               | PVCF-OB                                        | -300.0                    |
| CONCRECEL (FL5584 AND FL10500):                                        |                               |                                                |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                |                                 |                 |                                                |                           |
| LWC-34.                                                                | Structural concrete           | Concrecel                                      | 200                             | 2               | PVCX-WB                                        | -225.0                    |
| LWC-35.                                                                | Structural concrete           | Concrecel                                      | 200                             | 2               | PVCX-LM (4-inch o.c.)                          | -225.0                    |
| LWC-36.                                                                | Structural concrete           | Concrecel                                      | 200                             | 2               | PVCX-OB                                        | -225.0                    |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                |                                 |                 |                                                |                           |
| LWC-37.                                                                | Structural concrete           | Concrecel                                      | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.) | -225.0                    |
| LWC-38.                                                                | Structural concrete           | Concrecel                                      | 200                             | 2               | PVCF-OB                                        | -225.0                    |
| ELASTIZELL (NOA 18-0208.03):                                           |                               |                                                |                                 |                 |                                                |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                |                                 |                 |                                                |                           |
| LWC-39.                                                                | Structural concrete           | Elastizell                                     | 220                             | 2               | PVCX-WB                                        | -200.0                    |
| LWC-40.                                                                | Structural concrete           | Elastizell                                     | 300                             | 2               | PVCX-LM (6-inch o.c.) or PVCX-LO (6-inch o.c.) | -45.0                     |
| LWC-41.                                                                | Structural concrete           | Elastizell                                     | 200                             | 2               | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.) | -210.0                    |

**TABLE 4c: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No.                                                             | Deck <a href="#">(Note 1)</a> | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                                                                                                                                                                                                                              |                                 |                 | Roof Cover <a href="#">(Note 15)</a>                                                                     | MDP <a href="#">(psf)</a> |
|------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|----------------------------------------------------------------------------------------------------------|---------------------------|
|                                                                        |                               | Type                                                                                                                                                                                                                                                                                                                                                                                        | Min. Compressive Strength (psi) | Min. Thick (in) |                                                                                                          |                           |
| LWC-42.                                                                | Structural concrete           | Elastizell                                                                                                                                                                                                                                                                                                                                                                                  | 220                             | 2               | PVCX-OB                                                                                                  | -200.0                    |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                           |
| LWC-43.                                                                | Structural concrete           | Elastizell                                                                                                                                                                                                                                                                                                                                                                                  | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)                                                           | -210.0                    |
| LWC-44.                                                                | Structural concrete           | Elastizell                                                                                                                                                                                                                                                                                                                                                                                  | 220                             | 2               | PVCF-OB                                                                                                  | -200.0                    |
| SIPLAST INSULCEL (NOA 21-1020.03):                                     |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                           |
| LWC-45.                                                                | Structural concrete           | Insulcel                                                                                                                                                                                                                                                                                                                                                                                    | 200                             | 2               | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)                                                           | -270.0                    |
| LWC-46.                                                                | Structural concrete           | Insulcel                                                                                                                                                                                                                                                                                                                                                                                    | 200                             | 2               | PVCX-OB                                                                                                  | -270.0                    |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                           |
| LWC-47.                                                                | Structural concrete           | Insulcel                                                                                                                                                                                                                                                                                                                                                                                    | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)                                                           | -270.0                    |
| LWC-48.                                                                | Structural concrete           | Insulcel                                                                                                                                                                                                                                                                                                                                                                                    | 200                             | 2               | PVCF-OB                                                                                                  | -270.0                    |
| LWC-49.                                                                | Structural concrete           | Inculcel-PB Cellular Lightweight Insulating Concrete                                                                                                                                                                                                                                                                                                                                        | 330                             | 2               | PVCF-OB                                                                                                  | -302.5                    |
| MEARLCRETE (FL13492):                                                  |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                           |
| LWC-50.                                                                | Structural concrete           | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 290                             | 2               | PVCX-WB                                                                                                  | -205.0                    |
| LWC-51.                                                                | Structural concrete           | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 730                             | 2               | PVCX-LM (6-inch o.c.) or PVCX-LO (6-inch o.c.)                                                           | -45.0                     |
| LWC-52.                                                                | Structural concrete           | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 200                             | 2               | PVCX-LM (4-inch o.c.) or PVCX-LO (4-inch o.c.)                                                           | -270.0                    |
| LWC-53.                                                                | Structural concrete           | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 290                             | 2               | PVCX-OB                                                                                                  | -205.0                    |
| EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS: |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                           |
| LWC-54.                                                                | Structural concrete           | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 200                             | 2               | PVCF-LM (4-inch o.c.) or PVCF-LO (4-inch o.c.)                                                           | -270.0                    |
| LWC-55.                                                                | Structural concrete           | Mearlcrete                                                                                                                                                                                                                                                                                                                                                                                  | 290                             | 2               | PVCF-OB                                                                                                  | -205.0                    |
| PRE-EXISTENT CELLULAR LWC:                                             |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                           |
| EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:                 |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                           |
| LWC-56.                                                                | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> MCRF, Drill-Tec™ Base Sheet Fastener (1.7 in.), <b>min. 85 lbf</b> per <a href="#">Note 11</a> .                                                                                                                                                                                                                        | 230                             | 2               | PVC2-QS; total wet rate 4 lbs/square; contact application with ½ to substrate and ½ to membrane backside | -112.5                    |
|                                                                        | Note:                         | The reported MDP is the allowable maximum design pressure of the new roof cover adhered to the pre-existent LWC, and is irrespective of the performance of the pre-existent LWC (See Note 12). The deck and pre-existent LWC shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction. |                                 |                 |                                                                                                          |                           |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                              |                               |                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                 |                                                                                                          |                           |
| LWC-57.                                                                | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf</b> per <a href="#">Note 11</a>                                                                                                                                                                                                           | 180                             | 2               | PVCX-WB                                                                                                  | -102.5                    |

**TABLE 4c: LIGHTWEIGHT CONCRETE OVER STRUCTURAL CONCRETE DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No.                                                                    | Deck <a href="#">(Note 1)</a> | Lightweight Concrete <a href="#">(Note 14)</a>                                                                                                                                    |                                 |                 | Roof Cover <a href="#">(Note 15)</a> | MDP <a href="#">(psf)</a> |
|-------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|--------------------------------------|---------------------------|
|                                                                               |                               | Type                                                                                                                                                                              | Min. Compressive Strength (psi) | Min. Thick (in) |                                      |                           |
| LWC-58.                                                                       | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> | 180                             | 2               | PVCX-LM (4-inch o.c.)                | -92.5                     |
| LWC-59.                                                                       | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> | 180                             | 2               | PVCX-LO (4-inch o.c.)                | -112.5                    |
| LWC-60.                                                                       | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> | 180                             | 2               | PVCX-OB                              | -102.5                    |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                               |                                                                                                                                                                                   |                                 |                 |                                      |                           |
| LWC-61.                                                                       | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> | 180                             | 2               | PVCF-LM (4-inch o.c.)                | -92.5                     |
| LWC-62.                                                                       | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> | 180                             | 2               | PVCF-LO (4-inch o.c.)                | -112.5                    |
| LWC-63.                                                                       | Structural concrete           | Pre-existent cellular lightweight insulating concrete; <b>Note:</b> Fastener withdrawal; Drill-Tec™ Base Sheet Fastener (1.7 in.); <b>min. 97 lbf per <a href="#">Note 11</a></b> | 180                             | 2               | PVCF-OB                              | -102.5                    |

**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF)  
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No.                                                                          | Deck<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> ) | Base Insulation Layer                                                                                                                                                     |                                           | Top Insulation Layer                                                                                                                                                                                                                                                                                                                                           |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | <a href="#">MDP</a><br>( <a href="#">psf</a> ) |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|------------------------------------------------|
|                                                                                     |                                                                | Type                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                                                                                                                                                           | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                                |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS:                              |                                                                |                                                                                                                                                                           |                                           |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                           |                                                |
| CWF-1.                                                                              | Existing min. 2-inch Tectum                                    | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN                                                      | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                                                                                                                                                | OB500                                     | PVC1-BA                                   | -45.0                                          |
| CWF-2.                                                                              | Existing min. 2-inch Tectum                                    | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA or EnergyGuard RN, Min. 2-inch Styrofoam Brand Roofmate or Highload 60 | OB500                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                             | OB500                                     | PVC1-BA                                   | -45.0                                          |
| EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS: |                                                                |                                                                                                                                                                           |                                           |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                           |                                                |
| CWF-3.                                                                              | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                              | OB500                                     | (Optional) Additional layers base insulation, flat or tapered, min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA                                   | -45.0                                          |
| EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:                      |                                                                |                                                                                                                                                                           |                                           |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                           |                                                |
| CWF-4.                                                                              | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                                                                                              | OB500                                     | (Optional) Additional layers base insulation, flat or tapered, min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                  | OB500                                     | PVC2-QL                                   | -45.0                                          |
| EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:          |                                                                |                                                                                                                                                                           |                                           |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                           |                                                |
| CWF-5.                                                                              | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                                                                                              | OB500                                     | (Optional) Additional layers base insulation, flat or tapered, min. 0.25-inch DensDeck Prime or min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                      | OB500                                     | PVC1-QS or PVC2-QS                        | -45.0                                          |
| EVERGUARD PVC XK FLEECEBACK APPLICATIONS:                                           |                                                                |                                                                                                                                                                           |                                           |                                                                                                                                                                                                                                                                                                                                                                |                                           |                                           |                                                |
| CWF-6.                                                                              | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                              | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                                                                                                                                                | OB500                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                                          |
| CWF-7.                                                                              | Existing min. 2-inch Tectum                                    | (Optional) Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                   | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                                                                                                                                                | OB500                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                                          |
| CWF-8.                                                                              | Existing min. 2-inch Tectum                                    | (Optional) Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                   | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                                                                                                                                                                                 | OB500                                     | PVCX-LM, 12-inch o.c.                     | -45.0                                          |

**TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No.                                                                    | Deck<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> ) | Base Insulation Layer                                                                                   |                                           | Top Insulation Layer                                                               |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|-------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------|
|                                                                               |                                                                | Type                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |              |
| CWF-9.                                                                        | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RH                                              | LRF-M                                     | (Optional) Additional layers of base insulation                                    | LRF-M                                     | PVCX-LM, 12-inch o.c.                     | -45.0        |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                                                                |                                                                                                         |                                           |                                                                                    |                                           |                                           |              |
| CWF-10.                                                                       | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA or EnergyGuard RN                            | OB500                                     | (Optional) Additional layers base insulation                                       | OB500                                     | PVCF-LO, 12-inch o.c.                     | -45.0        |
| CWF-11.                                                                       | Existing min. 2-inch Tectum                                    | (Optional) Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                    | OB500                                     | PVCF-LO, 12-inch o.c.                     | -45.0        |
| CWF-12.                                                                       | Existing min. 2-inch Tectum                                    | Min. 1-inch EnergyGuard Polyiso Insulation                                                              | LRF-M                                     | (Optional) Additional layers base insulation                                       | LRF-M                                     | PVCF-LM, 12-inch o.c.                     | -45.0        |
| CWF-13.                                                                       | Existing min. 2-inch Tectum                                    | (Optional) Min. 1-inch EnergyGuard Polyiso Insulation                                                   | LRF-M                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-LM, 12-inch o.c.                     | -45.0        |

**TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No. | Deck ( <a href="#">Note 1</a> ) | Primer | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf) |
|------------|---------------------------------|--------|----------------------------------------|-----------|
| CWF-14.    | Min. 2-inch Tectum Plank        | None   | PVCF-XF                                | -502.5    |
| CWF-15.    | Min. 2-inch Tectum Plank        | None   | PVCF-OB                                | -502.5    |



**TABLE 6A: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No.                                                                          | Deck (Note 1 & 12)   | Base Insulation Layer                                                                              |                      | Top Insulation Layer                                                               |                      | Roof Cover (Note 15)         | MDP (psf) |
|-------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------|----------------------|------------------------------|-----------|
|                                                                                     |                      | Type                                                                                               | Attach (Notes 6,7,8) | Type                                                                               | Attach (Notes 6,7,8) |                              |           |
| EVERGUARD PVC SMOOTH APPLICATIONS:                                                  |                      |                                                                                                    |                      |                                                                                    |                      |                              |           |
| G-1.                                                                                | Existing gypsum deck | Min. 1-inch EnergyGuard RH                                                                         | LRF-M                | None                                                                               | N/A                  | EverGuard PVC Smooth / #2331 | -352.5    |
| EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS: |                      |                                                                                                    |                      |                                                                                    |                      |                              |           |
| G-2.                                                                                | Existing gypsum deck | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                   | OB500                | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                   | OB500                | PVC2-BA                      | -120.0    |
| G-3.                                                                                | Existing gypsum deck | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                     | OB500                | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                   | OB500                | PVC2-BA                      | -130.0    |
| G-4.                                                                                | Existing gypsum deck | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                          | OB500                | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                | PVC2-BA                      | -135.0    |
| G-5.                                                                                | Existing gypsum deck | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | OB500                | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                          | OB500                | PVC2-BA                      | -165.0    |
| G-6.                                                                                | Existing gypsum deck | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                         | OB500                | Min. 1.5-inch Ultra HD Composite Insulation                                        | OB500                | PVC2-BA                      | -187.5    |
| G-7.                                                                                | Existing gypsum deck | Min. 1-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RA | OB500                | (Optional) Additional layer of base insulation                                     | OB500                | PVC2-BA                      | -210.0    |
| EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:                      |                      |                                                                                                    |                      |                                                                                    |                      |                              |           |
| G-8.                                                                                | Existing gypsum deck | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                   | OB500                | Min. 0.25-inch DensDeck Prime                                                      | OB500                | PVC2-QL                      | -120.0    |
| G-9.                                                                                | Existing gypsum deck | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                     | OB500                | Min. 0.25-inch DensDeck Prime                                                      | OB500                | PVC2-QL                      | -130.0    |
| G-10.                                                                               | Existing gypsum deck | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                          | OB500                | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                    | OB500                | PVC2-QL                      | -135.0    |
| G-11.                                                                               | Existing gypsum deck | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | OB500                | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                          | OB500                | PVC2-QL                      | -165.0    |
| G-12.                                                                               | Existing gypsum deck | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                         | OB500                | Min. 1.5-inch Ultra HD Composite Insulation                                        | OB500                | PVC2-QL                      | -187.5    |
| G-13.                                                                               | Existing gypsum deck | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA                                       | OB500                | (Optional) Additional layer of base insulation                                     | OB500                | PVC2-QL                      | -210.0    |
| EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:          |                      |                                                                                                    |                      |                                                                                    |                      |                              |           |
| G-14.                                                                               | Existing gypsum deck | Min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                   | OB500                | Min. 0.25-inch DensDeck Prime                                                      | OB500                | PVC1-QS or PVC2-QS           | -120.0    |
| G-15.                                                                               | Existing gypsum deck | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                     | OB500                | Min. 0.25-inch DensDeck Prime                                                      | OB500                | PVC1-QS or PVC2-QS           | -130.0    |
| G-16.                                                                               | Existing gypsum deck | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | OB500                | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                          | OB500                | PVC1-QS or PVC2-QS           | -165.0    |
| G-17.                                                                               | Existing gypsum deck | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                         | OB500                | Min. 1.5-inch Ultra HD Composite Insulation                                        | OB500                | PVC1-QS or PVC2-QS           | -187.5    |

**TABLE 6A: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

| System No.                                       | Deck (Note 1 & 12)   | Base Insulation Layer                                        |                      | Top Insulation Layer                            |                      | Roof Cover (Note 15) | MDP (psf) |
|--------------------------------------------------|----------------------|--------------------------------------------------------------|----------------------|-------------------------------------------------|----------------------|----------------------|-----------|
|                                                  |                      | Type                                                         | Attach (Notes 6,7,8) | Type                                            | Attach (Notes 6,7,8) |                      |           |
| G-18.                                            | Existing gypsum deck | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard RA | OB500                | (Optional) Additional layer of base insulation  | OB500                | PVC1-QS or PVC2-QS   | -210.0    |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b> |                      |                                                              |                      |                                                 |                      |                      |           |
| G-19.                                            | Existing gypsum deck | Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                | (Optional) Additional layers of base insulation | OB500                | PVCX-LM, 6-inch o.c. | -45.0     |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                   | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                |                                                                                 |               | Top Insulation Layer                                                                                                                                                                    |                                           | Roof Cover ( <a href="#">Note 15</a> ) | <a href="#">MDP</a><br>(psf) |
|----------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|------------------------------|
|                                              |                                    | Type                                                                                                 | Fasten ( <a href="#">Note 11</a> )                                              | Attach        | Type                                                                                                                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                        |                              |
| EVERGUARD PVC SMOOTH OR PVC XK APPLICATIONS: |                                    |                                                                                                      |                                                                                 |               |                                                                                                                                                                                         |                                           |                                        |                              |
| G-20.                                        | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                                                         | LRF-M                                     | PVC1-BA                                | -45.0*                       |
| G-21.                                        | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                                                         | LRF-M                                     | PVC1-BA                                | -45.0*                       |
| G-22.                                        | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVC1-BA                                | -45.0*                       |
| G-23.                                        | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVC1-BA                                | -45.0*                       |
| G-24.                                        | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                      | LRF-M                                     | PVC1-BA                                | -45.0*                       |
| G-25.                                        | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                      | OB500                                     | PVC1-BA                                | -45.0*                       |
| G-26.                                        | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                      | OB500                                     | PVC1-BA                                | -45.0*                       |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                                 | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                |                                                                                 |               | Top Insulation Layer                                                                                                                                                                                                                       |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|--------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|                                                                                            |                                  | Type                                                                                                 | Fasten <a href="#">(Note 11)</a>                                                | Attach        | Type                                                                                                                                                                                                                                       | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| G-27.                                                                                      | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVC1-BA                              | -45.0*                       |
| G-28.                                                                                      | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVC1-BA                              | -45.0*                       |
| G-29.                                                                                      | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | OB500                                   | PVC1-BA                              | -45.0*                       |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:</b> |                                  |                                                                                                      |                                                                                 |               |                                                                                                                                                                                                                                            |                                         |                                      |                              |
| G-30.                                                                                      | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                                                                                                            | LRF-M                                   | PVC2-BA                              | -45.0*                       |
| G-31.                                                                                      | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                                                                                                            | LRF-M                                   | PVC2-BA                              | -45.0*                       |
| G-32.                                                                                      | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M                                   | PVC2-BA                              | -45.0*                       |
| G-33.                                                                                      | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M                                   | PVC2-BA                              | -45.0*                       |
| G-34.                                                                                      | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | LRF-M                                   | PVC2-BA                              | -45.0*                       |
| G-35.                                                                                      | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                   | PVC2-BA                              | -45.0*                       |
| G-36.                                                                                      | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                                                         | OB500                                   | PVC2-BA                              | -45.0*                       |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                            | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                |                                                                                 |               | Top Insulation Layer                                                                                                                                                                                                                       |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|-----------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|                                                                       |                                  | Type                                                                                                 | Fasten <a href="#">(Note 11)</a>                                                | Attach        | Type                                                                                                                                                                                                                                       | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| G-37.                                                                 | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVC2-BA                              | -45.0*                       |
| G-38.                                                                 | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVC2-BA                              | -45.0*                       |
| G-39.                                                                 | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | OB500                                   | PVC2-BA                              | -45.0*                       |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                  |                                                                                                      |                                                                                 |               |                                                                                                                                                                                                                                            |                                         |                                      |                              |
| G-40.                                                                 | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                                                               | LRF-M                                   | PVC2-QL                              | -45.0*                       |
| G-41.                                                                 | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                                                               | LRF-M                                   | PVC2-QL                              | -45.0*                       |
| G-42.                                                                 | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                     | LRF-M                                   | PVC2-QL                              | -45.0*                       |
| G-43.                                                                 | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                     | LRF-M                                   | PVC2-QL                              | -45.0*                       |
| G-44.                                                                 | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                          | LRF-M                                   | PVC2-QL                              | -45.0*                       |
| G-45.                                                                 | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                                                               | OB500                                   | PVC2-QL                              | -45.0*                       |
| G-46.                                                                 | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                                                               | OB500                                   | PVC2-QL                              | -45.0*                       |
| G-47.                                                                 | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                  | OB500                                   | PVC2-QL                              | -45.0*                       |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                        | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                |                                                                                 |               | Top Insulation Layer                                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a> | MDP<br><a href="#">(psf)</a> |
|-----------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|------------------------------|
|                                                                                   |                                  | Type                                                                                                 | Fasten <a href="#">(Note 11)</a>                                                | Attach        | Type                                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                      |                              |
| G-48.                                                                             | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVC2-QL                              | -45.0*                       |
| G-49.                                                                             | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | OB500                                   | PVC2-QL                              | -45.0*                       |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                  |                                                                                                      |                                                                                 |               |                                                                                                                                                                                                           |                                         |                                      |                              |
| G-50.                                                                             | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                              | LRF-M                                   | PVC1-QS or PVC2-QS                   | -45.0*                       |
| G-51.                                                                             | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                              | LRF-M                                   | PVC1-QS or PVC2-QS                   | -45.0*                       |
| G-52.                                                                             | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime                                                                                        | LRF-M                                   | PVC1-QS or PVC2-QS                   | -45.0*                       |
| G-53.                                                                             | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime                                                                                        | LRF-M                                   | PVC1-QS or PVC2-QS                   | -45.0*                       |
| G-54.                                                                             | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime                                                                                                                                                                             | LRF-M                                   | PVC1-QS or PVC2-QS                   | -45.0*                       |
| G-55.                                                                             | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                              | OB500                                   | PVC1-QS or PVC2-QS                   | -45.0*                       |
| G-56.                                                                             | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                                                                                              | OB500                                   | PVC1-QS or PVC2-QS                   | -45.0*                       |
| G-57.                                                                             | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime                                     | OB500                                   | PVC1-QS or PVC2-QS                   | -45.0*                       |
| G-58.                                                                             | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime                                     | OB500                                   | PVC1-QS or PVC2-QS                   | -45.0*                       |



**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                       | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                |                                                                                 |               | Top Insulation Layer                                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a>                      | MDP<br><a href="#">(psf)</a> |
|--------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|------------------------------|
|                                                  |                                  | Type                                                                                                 | Fasten <a href="#">(Note 11)</a>                                                | Attach        | Type                                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                                           |                              |
| G-59.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime                                                                                                                                                                             | OB500                                   | PVC1-QS or PVC2-QS                                        | -45.0*                       |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b> |                                  |                                                                                                      |                                                                                 |               |                                                                                                                                                                                                           |                                         |                                                           |                              |
| G-60.                                            | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                                                                           | LRF-M                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                       |
| G-61.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                                                                                                                           | LRF-M                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                       |
| G-62.                                            | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                       |
| G-63.                                            | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                       | LRF-M                                   | PVCX-LM (12-inch o.c.)                                    | -45.0*                       |
| G-64.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                       |
| G-65.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                       | LRF-M                                   | PVCX-LM (12-inch o.c.)                                    | -45.0*                       |
| G-66.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | LRF-M                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                       |
| G-67.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                            | LRF-M                                   | PVCX-LM (12-inch o.c.)                                    | -45.0*                       |
| G-68.                                            | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                        | OB500                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                       |
| G-69.                                            | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                                                                        | OB500                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                       |
| G-70.                                            | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                       |



**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No.                                                                    | Deck<br><a href="#">(Note 1)</a> | Base Insulation Layer                                                                                |                                                                                 |                           | Top Insulation Layer                                                                                                                                                                                      |                                         | Roof Cover <a href="#">(Note 15)</a>                      | MDP<br><a href="#">(psf)</a> |
|-------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|------------------------------|
|                                                                               |                                  | Type                                                                                                 | Fasten <a href="#">(Note 11)</a>                                                | Attach                    | Type                                                                                                                                                                                                      | Attach<br><a href="#">(Notes 6,7,8)</a> |                                                           |                              |
| G-71.                                                                         | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                   | PVCX-LM (12-inch o.c.)                                    | -45.0*                       |
| G-72.                                                                         | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                       |
| G-73.                                                                         | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | Optional min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                   | PVCX-LM (12-inch o.c.)                                    | -45.0*                       |
| G-74.                                                                         | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | OB500                                   | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.) | -45.0*                       |
| G-75.                                                                         | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                                            | OB500                                   | PVCX-LM (12-inch o.c.)                                    | -45.0*                       |
| <b>EVERGUARD PVC FLEECEBACK or EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                                  |                                                                                                      |                                                                                 |                           |                                                                                                                                                                                                           |                                         |                                                           |                              |
| G-76.                                                                         | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board              | LRF-M                                   | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                       |
| G-77.                                                                         | Existing gypsum deck             | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                      | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft <sup>2</sup> | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                 | LRF-M                                   | PVCF-LM (12-inch o.c.)                                    | -45.0*                       |
| G-78.                                                                         | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board              | LRF-M                                   | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                       |
| G-79.                                                                         | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft <sup>2</sup> | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                 | LRF-M                                   | PVCF-LM (12-inch o.c.)                                    | -45.0*                       |
| G-80.                                                                         | Existing gypsum deck             | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft <sup>2</sup> | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                         | LRF-M                                   | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                       |

**TABLE 6B: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-1: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER**

| System No. | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer                                                                                |                                                                                 |               | Top Insulation Layer                                                                                                                                                                         |                                           | Roof Cover ( <a href="#">Note 15</a> )                    | MDP<br>( <a href="#">psf</a> ) |
|------------|------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|--------------------------------|
|            |                                    | Type                                                                                                 | Fasten ( <a href="#">Note 11</a> )                                              | Attach        | Type                                                                                                                                                                                         | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                                           |                                |
| G-81.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                               | LRF-M                                     | PVCF-LM (12-inch o.c.)                                    | -45.0*                         |
| G-82.      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                         |
| G-83.      | Existing gypsum deck               | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.0 ft² | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCF-LM (12-inch o.c.)                                    | -45.0*                         |
| G-84.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                         |
| G-85.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or EnergyGuard RH   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 2.9 ft² | One or more layers, any combination, Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or Min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCF-LM (12-inch o.c.)                                    | -45.0*                         |
| G-86.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                            | OB500                                     | PVCF-WB, PVCF-LM (12-inch o.c.) or PVCF-LO (12-inch o.c.) | -45.0*                         |
| G-87.      | Existing gypsum deck               | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra                                        | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment) | 1 per 3.2 ft² | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                                                                                               | OB500                                     | PVCF-LM (12-inch o.c.)                                    | -45.0*                         |

**TABLE 6C: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                   | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer<br>( <a href="#">Note 13</a> ) | Top Insulation Layer                                                                                                                                                             |                                                                                                                                                                                                                     |               | Roof Cover ( <a href="#">Note 15</a> ) | <a href="#">MDP</a><br>( <a href="#">psf</a> ) |
|----------------------------------------------|------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------|------------------------------------------------|
|                                              |                                    |                                                      | Type                                                                                                                                                                             | Fastener ( <a href="#">Note 11</a> )                                                                                                                                                                                | Attach        |                                        |                                                |
| EVERGUARD PVC SMOOTH OR PVC XK APPLICATIONS: |                                    |                                                      |                                                                                                                                                                                  |                                                                                                                                                                                                                     |               |                                        |                                                |
| G-88.                                        | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.0 ft² | PVC1-BA                                | -45.0*                                         |
| G-89.                                        | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment); 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft² | PVC1-BA                                | -45.0*                                         |

**TABLE 6c: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                                 | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer<br>( <a href="#">Note 13</a> ) | Top Insulation Layer                                                                                                                                             |                                                                                             |               | Roof Cover ( <a href="#">Note 15</a> ) | MDP<br>(psf) |
|--------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------|----------------------------------------|--------------|
|                                                                                            |                                    |                                                      | Type                                                                                                                                                             | Fastener ( <a href="#">Note 11</a> )                                                        | Attach        |                                        |              |
| G-90.                                                                                      | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard RH                                                                                                                                       | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)             | 1 per 2.9 ft² | PVC1-BA                                | -45.0*       |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:</b> |                                    |                                                      |                                                                                                                                                                  |                                                                                             |               |                                        |              |
| G-91.                                                                                      | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)             | 1 per 2.0 ft² | PVC2-BA                                | -45.0*       |
| G-92.                                                                                      | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)             | 1 per 4.0 ft² | PVC2-BA                                | -45.0*       |
| G-93.                                                                                      | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment ≥ 140 lbf) | 1 per 1.3 ft² | PVC2-BA                                | -52.5        |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b>                      |                                    |                                                      |                                                                                                                                                                  |                                                                                             |               |                                        |              |
| G-94.                                                                                      | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)             | 1 per 2.0 ft² | PVC2-QL                                | -45.0*       |
| G-95.                                                                                      | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)             | 1 per 4.0 ft² | PVC2-QL                                | -45.0*       |
| G-96.                                                                                      | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment ≥ 140 lbf) | 1 per 1.3 ft² | PVC2-QL                                | -52.5        |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b>          |                                    |                                                      |                                                                                                                                                                  |                                                                                             |               |                                        |              |
| G-97.                                                                                      | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)             | 1 per 2.0 ft² | PVC1-QS or PVC2-QS                     | -45.0*       |
| G-98.                                                                                      | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)             | 1 per 4.0 ft² | PVC1-QS or PVC2-QS                     | -45.0*       |
| G-99.                                                                                      | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation   | Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment ≥ 140 lbf) | 1 per 1.3 ft² | PVC1-QS or PVC2-QS                     | -52.5        |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b>                                           |                                    |                                                      |                                                                                                                                                                  |                                                                                             |               |                                        |              |

**TABLE 6c: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No.                                                                    | Deck<br>( <a href="#">Note 1</a> ) | Base Insulation Layer<br>( <a href="#">Note 13</a> ) | Top Insulation Layer                                                                                                                                                             |                                                                                                                                                                                                                     |                           | Roof Cover ( <a href="#">Note 15</a> )                                      | MDP<br>(psf) |
|-------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------|--------------|
|                                                                               |                                    |                                                      | Type                                                                                                                                                                             | Fastener ( <a href="#">Note 11</a> )                                                                                                                                                                                | Attach                    |                                                                             |              |
| G-100.                                                                        | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation, Ultra HD Composite Insulation or EnergyGuard RH | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.0 ft <sup>2</sup> | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)                   | -45.0*       |
| G-101.                                                                        | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment); 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup> | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)                   | -45.0*       |
| G-102.                                                                        | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard RH                                                                                                                                                       | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.9 ft <sup>2</sup> | PVCX-WB, PVCX-LM (12-inch o.c.) or PVCX-LO (12-inch o.c.)                   | -45.0*       |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS:</b> |                                    |                                                      |                                                                                                                                                                                  |                                                                                                                                                                                                                     |                           |                                                                             |              |
| G-103.                                                                        | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                 | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.0 ft <sup>2</sup> | PVCF-WB, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |
| G-104.                                                                        | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment); 8 parts per min. 4 x 8 ft board with parts installed 24-inch o.c. in two parallel rows, 12 inches from the 8 ft edges of the board | 1 per 4.0 ft <sup>2</sup> | PVCF-WB, PVCF-LM (12-inch o.c.), PVCF-LO (12-inch o.c.), PVCF-XF or PVCF-OB | -45.0*       |
| G-105.                                                                        | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                   | Drill-Tec Polymer Gyptec with Drill-Tec 3" Gyptec Plate (Min. 2-inch embedment)                                                                                                                                     | 1 per 2.9 ft <sup>2</sup> | PVCF-LM or PVCF-LO, 12-inch o.c.                                            | -45.0*       |
| G-106.                                                                        | Existing gypsum deck               | (Optional) One or more layers, any combination       | Min. 2-inch EnergyGuard Polyiso Insulation                                                                                                                                       | Drill-Tec Locking Impact Nail (minimum withdrawal resistance at slated embedment ≥ 140 lbf)                                                                                                                         | 1 per 1.3 ft <sup>2</sup> | PVCF-LM (4-inch o.c.), PVCF-LO (4-inch o.c.), PVCF-XF or PVCF-OB            | -52.5        |

**TABLE 6d: GYPSUM DECKS - REROOF (TEAR-OFF)**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

| System No. | Deck ( <a href="#">Note 1</a> and <a href="#">Note 12</a> ) | Surface Preparation | Primer | Roof Cover ( <a href="#">Note 15</a> ) |                       | MDP (psf) |
|------------|-------------------------------------------------------------|---------------------|--------|----------------------------------------|-----------------------|-----------|
|            |                                                             |                     |        | Base Ply                               | Cap Ply               |           |
| G-107.     | Existing gypsum deck                                        | None                | None   | None                                   | PVCX-LM, 12-inch o.c. | -45.0     |
| G-108.     | Existing gypsum deck                                        | None                | None   | None                                   | PVCX-LO, 6-inch o.c.  | -45.0     |
| G-109.     | Existing poured gypsum                                      | None                | None   | None                                   | PVCX-OB or PVCF-OB    | -280.0    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                             | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                      | Base Insulation Layer                                                                |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | <a href="#">MDP (psf)</a> <sup>A</sup> |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|----------------------------------------|
|                                                        |                                                                                                          | Type                                                                                 | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                                        |
| EVERGUARD PVC SMOOTH OR EVERGUARD PVC XK APPLICATIONS: |                                                                                                          |                                                                                      |                                           |                                                                                                                                                                                                                                 |                                           |                                           |                                        |
| R-1.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA                                   | -45.0                                  |
| R-2.                                                   | Existing smooth-surfaced BUR                                                                             | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA                                   | -75.0                                  |
| R-3.                                                   | Existing smooth-surfaced BUR                                                                             | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board                                                                                                                              | LRF-M                                     | PVC1-BA                                   | -75.0                                  |
| R-4.                                                   | Existing smooth surfaced BUR or granule surfaced roof cover                                              | (Optional) Min. 1.5-inch EnergyGuard RH                                              | LRF-M                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC1-BA                                   | -75.0                                  |
| R-5.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                              | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | LRF-M                                     | PVC1-BA                                   | -165.0                                 |
| R-6.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Ultra                                           | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | LRF-M                                     | PVC1-BA                                   | -187.5                                 |
| R-7.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA                                   | -225.0                                 |
| R-8.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                              | LRF-M                                     | PVC1-BA                                   | -202.5                                 |
| R-9.                                                   | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                                                                | LRF-M                                     | PVC1-BA                                   | -225.0                                 |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                             | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                               |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                 | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-10.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board        | LRF-M Canister                            | PVC1-BA                                   | -75.0                     |
| R-11.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                          | LRF-M Canister                            | PVC1-BA                                   | -165.0                    |
| R-12.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                    | LRF-M Canister                            | PVC1-BA                                   | -202.5                    |
| R-13.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                            | None                                                                                               | N/A                                       | PVC1-BA                                   | -225.0                    |
| R-14.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM            | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime                                                                      | LRF-M Canister                            | PVC1-BA                                   | -225.0                    |
| R-15.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                    | None                                                                                               | N/A                                       | PVC1-BA                                   | -45.0                     |
| R-16.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                          | LRF-XF                                    | PVC1-BA                                   | -165.0                    |
| R-17.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                          | LRF-XF                                    | PVC1-BA                                   | -165.0                    |
| R-18.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                                | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                        | LRF-XF                                    | PVC1-BA                                   | -180.0                    |
| R-19.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | LRF-XF                                    | None                                                                                               | N/A                                       | PVC1-BA                                   | -180.0                    |
| R-20.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | LRF-XF                                    | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum Fiber Roof Board | LRF-XF                                    | PVC1-BA                                   | -180.0                    |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                                 | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                      | Base Insulation Layer                                                                |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                                            |                                                                                          | Type                                                                                 | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-21.                                                                                      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | OB500                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA                                   | -45.0                     |
| R-22.                                                                                      | Existing smooth surfaced BUR / APP modified bitumen or granule surfaced roof cover       | (Optional) Min. 1.5-inch EnergyGuard RH                                              | OB500                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC1-BA                                   | -97.5                     |
| R-23.                                                                                      | Existing asphaltic BUR or mineral surfaced cap sheet                                     | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | OB500                                     | (Optional) Additional layers of base insulation                                                                                                                                                                                 | OB500                                     | PVC1-BA                                   | -120.0                    |
| R-24.                                                                                      | Existing asphaltic BUR or mineral surfaced cap sheet                                     | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | OB500                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                                                                                                              | OB500                                     | PVC1-BA                                   | -120.0                    |
| R-25.                                                                                      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                              | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                                                       | OB500                                     | PVC1-BA                                   | -165.0                    |
| R-26.                                                                                      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Ultra                                           | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                                                                     | OB500                                     | PVC1-BA                                   | -187.5                    |
| R-27.                                                                                      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                                                 | OB500                                     | PVC1-BA                                   | -202.5                    |
| R-28.                                                                                      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | None                                                                                                                                                                                                                            | N/A                                       | PVC1-BA                                   | -225.0                    |
| R-29.                                                                                      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                                                                | OB500                                     | PVC1-BA                                   | -225.0                    |
| <b>EVERGUARD PVC OR EVERGUARD PVC KEE / EVERGUARD #2331 BONDING ADHESIVE APPLICATIONS:</b> |                                                                                          |                                                                                      |                                           |                                                                                                                                                                                                                                 |                                           |                                           |                           |
| R-30.                                                                                      | Existing asphalt BUR or mineral surface cap sheet                                        | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                       | hot asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                                                     | hot asphalt                               | PVC2-BA                                   | -45.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                   |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-31.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation      | LRF-M                                     | None                                                                                                                                                                                      | N/A                                       | PVC2-BA                                   | -45.0                     |
| R-32.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M                                     | PVC2-BA                                   | -110.0                    |
| R-33.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | LRF-M                                     | PVC2-BA                                   | -110.0                    |
| R-34.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 6-inch o.c.                        | PVC2-BA                                   | -157.5                    |
| R-35.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | LRF-M, 6-inch o.c.                        | PVC2-BA                                   | -157.5                    |
| R-36.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | LRF-M, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M, 4-inch o.c.                        | PVC2-BA                                   | -187.5                    |
| R-37.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 4-inch o.c.                        | PVC2-BA                                   | -200.0                    |
| R-38.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC2-BA                                   | -75.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                  | Base Insulation Layer                                                                                                                               |                                           | Top Insulation Layer                                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                      | Type                                                                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-39.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                             | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                | LRF-M                                     | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                         | LRF-M                                     | PVC2-BA                                   | -82.5                     |
| R-40.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                             | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck, DEXcell FA Glass Mat Roof Board Prime or SECUROCK Gypsum-Fiber Roof Board                            | LRF-M                                     | PVC2-BA                                   | -75.0                     |
| R-41.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                             | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                | LRF-M                                     | PVC2-BA                                   | -165.0                    |
| R-42.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                                                          | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                              | LRF-M                                     | PVC2-BA                                   | -187.5                    |
| R-43.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH | LRF-M                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVC2-BA                                   | -225.0                    |
| R-44.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                           | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                              | LRF-M Canister                            | PVC2-BA                                   | -75.0                     |
| R-45.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                           | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                | LRF-M Canister                            | PVC2-BA                                   | -165.0                    |
| R-46.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                        | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                                           | LRF-M Canister                            | PVC2-BA                                   | -200.0                    |
| R-47.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                                                                      | LRF-M Canister                            | None                                                                                                                                     | N/A                                       | PVC2-BA                                   | -225.0                    |
| R-48.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                           | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                        | LRF-M Canister                            | PVC2-BA                                   | -225.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                              |                                           | Top Insulation Layer                                                                       |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-49.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                 | LRF-XF                                    | None                                                                                       | N/A                                       | PVC2-BA                                   | -45.0                     |
| R-50.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-XF                                    | (Optional) Additional layer of base insulation                                             | LRF-XF                                    | PVC2-BA                                   | -110.0                    |
| R-51.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVC2-BA                                   | -110.0                    |
| R-52.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation                                             | LRF-XF, 6-inch o.c.                       | PVC2-BA                                   | -157.5                    |
| R-53.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF, 6-inch o.c.                       | PVC2-BA                                   | -157.5                    |
| R-54.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF, 4-inch o.c.                       | Min. 1.5-inch Ultra HD Composite Insulation                                                | LRF-XF, 4-inch o.c.                       | PVC2-BA                                   | -187.5                    |
| R-55.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation                                             | LRF-XF, 4-inch o.c.                       | PVC2-BA                                   | -200.0                    |
| R-56.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-XF                                    | PVC2-BA                                   | -165.0                    |
| R-57.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                         | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                | LRF-XF                                    | PVC2-BA                                   | -180.0                    |
| R-58.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-XF                                    | (Optional) Additional layers base insulation                                               | LRF-XF                                    | PVC2-BA                                   | -180.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                |                                           | Top Insulation Layer                                                                       |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                 | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-59.      | Existing smooth-surfaced modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | (Optional) Additional layer of base insulation                                             | LRF-XF                                    | PVC2-BA                                   | -222.5                    |
| R-60.      | Existing smooth-surface BUR                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | (Optional) Additional layer of base insulation                                             | LRF-XF                                    | PVC2-BA                                   | -262.5                    |
| R-61.      | Existing granule-surface modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | (Optional) Additional layer of base insulation                                             | LRF-XF                                    | PVC2-BA                                   | -270.0                    |
| R-62.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH                                         | LRF-XF                                    | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                           | LRF-XF                                    | PVC2-BA                                   | -130.0                    |
| R-63.      | Existing smooth-surfaced modified bitumen                                                                                                                              | (Optional) Min. 2-inch EnergyGuard RA, EnergyGuard RH                                | LRF-XF                                    | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board         | LRF-XF                                    | PVC2-BA                                   | -222.5                    |
| R-64.      | Existing smooth-surface BUR or granule-surface modified bitumen                                                                                                        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                      | LRF-XF                                    | None                                                                                       | N/A                                       | PVC2-BA                                   | -245.0                    |
| R-65.      | Existing smooth-surface BUR or granule surface modified bitumen                                                                                                        | Min. 2-inch EnergyGuard RA, EnergyGuard RH                                           | LRF-XF                                    | Min. 0.25-inch DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board         | LRF-XF                                    | PVC2-BA                                   | -247.5                    |
| R-66.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | OB500                                     | None                                                                                       | N/A                                       | PVC2-BA                                   | -45.0                     |
| R-67.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                         | OB500                                     | (Optional) Additional layer of base insulation                                             | OB500                                     | PVC2-BA                                   | -110.0                    |
| R-68.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                              | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA                                   | -110.0                    |
| R-69.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch EnergyGuard Ultra                                                      | OB500                                     | (Optional) Additional layer of base insulation                                             | OB500                                     | PVC2-BA                                   | -120.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                   |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-70.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1.5-inch EnergyGuard Ultra                                              | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | OB500                                     | PVC2-BA                                   | -120.0                    |
| R-71.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | OB500, 6-inch o.c.                        | PVC2-BA                                   | -157.5                    |
| R-72.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | OB500, 6-inch o.c.                        | PVC2-BA                                   | -157.5                    |
| R-73.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                 | OB500, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500, 4-inch o.c.                        | PVC2-BA                                   | -187.5                    |
| R-74.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | OB500, 4-inch o.c.                        | PVC2-BA                                   | -200.0                    |
| R-75.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-BA                                   | -97.5                     |
| R-76.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | OB500                                     | Min. 0.5-inch Structodek High Density Fiberboard Roof Insulation                                                                                                                          | OB500                                     | PVC2-BA                                   | -82.5                     |
| R-77.      | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                      | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                                                                                          | OB500                                     | PVC2-BA                                   | -45.0                     |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                            | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                                               |                                           | Top Insulation Layer                                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                       |                                                                                                                                                                        | Type                                                                                                                                                | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-78.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN or min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS                       | OB500                                     | Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board                                       | OB500                                     | PVC2-BA                                   | -120.0                    |
| R-79.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1.5-inch EnergyGuard RH | OB500                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVC2-BA                                   | -225.0                    |
| <b>EVERGUARD PVC / EVERGUARD PVC QUICK LAY ADHESIVE APPLICATIONS:</b> |                                                                                                                                                                        |                                                                                                                                                     |                                           |                                                                                                                                          |                                           |                                           |                           |
| R-80.                                                                 | Existing asphalt BUR or mineral surface cap sheet                                                                                                                      | Min. 1.5-inch EnergyGuard RA                                                                                                                        | hot asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                 | hot asphalt                               | PVC2-QL                                   | -45.0                     |
| R-81.                                                                 | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation                                                                                                          | LRF-M                                     | None                                                                                                                                     | N/A                                       | PVC2-QL                                   | -45.0                     |
| R-82.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                        | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                           | LRF-M                                     | PVC2-QL                                   | -110.0                    |
| R-83.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                             | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                | LRF-M                                     | PVC2-QL                                   | -110.0                    |
| R-84.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                        | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                           | LRF-M, 6-inch o.c.                        | PVC2-QL                                   | -157.5                    |
| R-85.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                             | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                | LRF-M, 6-inch o.c.                        | PVC2-QL                                   | -157.5                    |
| R-86.                                                                 | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                        | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                           | LRF-M, 4-inch o.c.                        | PVC2-QL                                   | -200.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                  | Base Insulation Layer                                                                                                          |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                      | Type                                                                                                                           | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-87.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                             | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                        | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC2-QL                                   | -75.0                     |
| R-88.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                             | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                   | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                              | LRF-M                                     | PVC2-QL                                   | -75.0                     |
| R-89.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                             | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                        | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-QL                                   | -75.0                     |
| R-90.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                        | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC2-QL                                   | -165.0                    |
| R-91.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                  | LRF-M                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | LRF-M                                     | PVC2-QL                                   | -225.0                    |
| R-92.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | (Optional) Min. Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M<br>Canister                         | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                               | LRF-M<br>Canister                         | PVC2-QL                                   | -75.0                     |
| R-93.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM      | LRF-M<br>Canister                         | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M<br>Canister                         | PVC2-QL                                   | -165.0                    |
| R-94.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                   | LRF-M<br>Canister                         | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M<br>Canister                         | PVC2-QL                                   | -200.0                    |
| R-95.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                                                 | LRF-M<br>Canister                         | None                                                                                                                                                                                      | N/A                                       | PVC2-QL                                   | -225.0                    |
| R-96.      | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen      | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM      | LRF-M<br>Canister                         | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | LRF-M<br>Canister                         | PVC2-QL                                   | -225.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                   |                                           | Top Insulation Layer                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-97.      | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation              | LRF-XF                                    | None                                                      | N/A                                       | PVC2-QL                                   | -45.0                     |
| R-98.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC2-QL                                   | -110.0                    |
| R-99.      | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | LRF-XF                                    | PVC2-QL                                   | -110.0                    |
| R-100.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation            | LRF-XF, 6-inch o.c.                       | PVC2-QL                                   | -157.5                    |
| R-101.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | LRF-XF, 6-inch o.c.                       | PVC2-QL                                   | -157.5                    |
| R-102.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation            | LRF-XF, 4-inch o.c.                       | PVC2-QL                                   | -200.0                    |
| R-103.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | LRF-XF                                    | PVC2-QL                                   | -165.0                    |
| R-104.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layers base insulation              | LRF-XF                                    | PVC2-QL                                   | -180.0                    |
| R-105.     | Existing smooth-surfaced modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC2-QL                                   | -222.5                    |
| R-106.     | Existing smooth-surface BUR                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC2-QL                                   | -262.5                    |
| R-107.     | Existing granule-surface modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC2-QL                                   | -270.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                   |                                           | Top Insulation Layer                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-108.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH            | LRF-XF                                    | Min. 0.25-inch DensDeck Prime                             | LRF-XF                                    | PVC2-QL                                   | -130.0                    |
| R-109.     | Existing smooth-surfaced modified bitumen                                                                                                                              | (Optional) Min. 2-inch EnergyGuard RA, EnergyGuard RH   | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board           | LRF-XF                                    | PVC2-QL                                   | -222.5                    |
| R-110.     | Existing smooth-surface BUR or granule-surface modified bitumen                                                                                                        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board         | LRF-XF                                    | None                                                      | N/A                                       | PVC2-QL                                   | -245.0                    |
| R-111.     | Existing smooth-surface BUR or granule surface modified bitumen                                                                                                        | Min. 2-inch EnergyGuard RA, EnergyGuard RH              | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board           | LRF-XF                                    | PVC2-QL                                   | -247.5                    |
| R-112.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation              | OB500                                     | None                                                      | N/A                                       | PVC2-QL                                   | -45.0                     |
| R-113.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation            | OB500                                     | (Optional) Additional layer of base insulation            | OB500                                     | PVC2-QL                                   | -110.0                    |
| R-114.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | OB500                                     | PVC2-QL                                   | -110.0                    |
| R-115.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation            | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation            | OB500, 6-inch o.c.                        | PVC2-QL                                   | -157.5                    |
| R-116.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | OB500, 6-inch o.c.                        | PVC2-QL                                   | -157.5                    |
| R-117.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation            | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation            | OB500, 4-inch o.c.                        | PVC2-QL                                   | -200.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                        | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                                   |                                                                                                                                                                        | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-118.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                       | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVC2-QL                                   | -97.5                     |
| R-119.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                            | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC2-QL                                   | -45.0                     |
| R-120.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN or min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVC2-QL                                   | -120.0                    |
| R-121.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                 | OB500                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | OB500                                     | PVC2-QL                                   | -225.0                    |
| <b>EVERGUARD PVC XK OR EVERGUARD PVC / PVC QUICK SPRAY ADHESIVE APPLICATIONS:</b> |                                                                                                                                                                        |                                                                                                                               |                                           |                                                                                                                                                                                           |                                           |                                           |                           |
| R-122.                                                                            | Existing asphalt BUR or mineral surface cap sheet                                                                                                                      | Min. 1.5-inch EnergyGuard RA                                                                                                  | hot asphalt                               | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                                                                  | hot asphalt                               | PVC1-QS or PVC2-QS                        | -45.0                     |
| R-123.                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation                                                                                    | LRF-M                                     | None                                                                                                                                                                                      | N/A                                       | PVC1-QS or PVC2-QS                        | -45.0                     |
| R-124.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M                                     | PVC1-QS or PVC2-QS                        | -110.0                    |
| R-125.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                       | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC1-QS or PVC2-QS                        | -110.0                    |
| R-126.                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 6-inch o.c.                        | PVC1-QS or PVC2-QS                        | -157.5                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-127.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M, 6-inch o.c.                        | PVC1-QS or PVC2-QS                        | -157.5                    |
| R-128.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 4-inch o.c.                        | PVC1-QS or PVC2-QS                        | -200.0                    |
| R-129.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                   | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVC1-QS or PVC2-QS                        | -75.0                     |
| R-130.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime                                                                                                                                                  | LRF-M                                     | PVC1-QS or PVC2-QS                        | -75.0                     |
| R-131.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC1-QS or PVC2-QS                        | -75.0                     |
| R-132.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVC1-QS or PVC2-QS                        | -165.0                    |
| R-133.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation                                             | LRF-M                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime                                                                                                                       | LRF-M                                     | PVC1-QS or PVC2-QS                        | -210.0                    |
| R-134.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                   | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board                                                                                               | LRF-M Canister                            | PVC1-QS or PVC2-QS                        | -75.0                     |
| R-135.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M Canister                            | PVC1-QS or PVC2-QS                        | -165.0                    |
| R-136.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M Canister                            | PVC1-QS or PVC2-QS                        | -200.0                    |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                              |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                              | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-137.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                                            | LRF-M Canister                            | None                                                              | N/A                                       | PVC1-QS or PVC2-QS                        | -225.0                    |
| R-138.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVC1-QS or PVC2-QS                        | -225.0                    |
| R-139.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation                                                                                | LRF-XF                                    | None                                                              | N/A                                       | PVC1-QS or PVC2-QS                        | -45.0                     |
| R-140.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-XF                                    | (Optional) Additional layer of base insulation                    | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -110.0                    |
| R-141.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation         | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -110.0                    |
| R-142.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation                    | LRF-XF, 6-inch o.c.                       | PVC1-QS or PVC2-QS                        | -157.5                    |
| R-143.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation         | LRF-XF, 6-inch o.c.                       | PVC1-QS or PVC2-QS                        | -157.5                    |
| R-144.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation                    | LRF-XF, 4-inch o.c.                       | PVC1-QS or PVC2-QS                        | -200.0                    |
| R-145.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation         | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -165.0                    |
| R-146.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-XF                                    | (Optional) Additional layers base insulation                      | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -180.0                    |
| R-147.     | Existing smooth-surfaced modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-XF                                    | (Optional) Additional layer of base insulation                    | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -222.5                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                   |                                           | Top Insulation Layer                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                    | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-148.     | Existing smooth-surface BUR                                                                                                                                            | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -262.5                    |
| R-149.     | Existing granule-surface modified bitumen                                                                                                                              | Min. 1.5-inch EnergyGuard Polyiso Insulation            | LRF-XF                                    | (Optional) Additional layer of base insulation            | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -270.0                    |
| R-150.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | Min. 1.5-inch EnergyGuard RA, EnergyGuard RH            | LRF-XF                                    | Min. 0.25-inch DensDeck Prime                             | LRF-XF                                    | PVC1-QS or PVC2-QS                        | -130.0                    |
| R-151.     | Existing smooth-surface BUR or granule-surface modified bitumen                                                                                                        | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board         | LRF-XF                                    | None                                                      | N/A                                       | PVC1-QS or PVC2-QS                        | -245.0                    |
| R-152.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation              | OB500                                     | None                                                      | N/A                                       | PVC1-QS or PVC2-QS                        | -45.0                     |
| R-153.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation            | OB500                                     | (Optional) Additional layer of base insulation            | OB500                                     | PVC1-QS or PVC2-QS                        | -110.0                    |
| R-154.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | OB500                                     | PVC1-QS or PVC2-QS                        | -110.0                    |
| R-155.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation            | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation            | OB500, 6-inch o.c.                        | PVC1-QS or PVC2-QS                        | -157.5                    |
| R-156.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation | OB500, 6-inch o.c.                        | PVC1-QS or PVC2-QS                        | -157.5                    |
| R-157.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation            | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation            | OB500, 4-inch o.c.                        | PVC1-QS or PVC2-QS                        | -200.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                 | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                 | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                            |                                                                                                                                     | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-158.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or min. 1.5-inch EnergyGuard RH                                       | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                       | OB500                                     | PVC1-QS or PVC2-QS                        | -97.5                     |
| R-159.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | Min. 1.5-inch, min. 1.0 pcf, Insulfoam Roofing EPS                                                                            | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                   | OB500                                     | PVC1-QS or PVC2-QS                        | -45.0                     |
| R-160.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN or min. 2-inch, min. 1.0 pcf, Insulfoam Roofing EPS | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                                                                                                                                   | OB500                                     | PVC1-QS or PVC2-QS                        | -120.0                    |
| R-161.                                                                     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                   | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                 | OB500                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime                                                                                                                                                             | OB500                                     | PVC1-QS or PVC2-QS                        | -210.0                    |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS IN WB181 BONDING ADHESIVE:</b> |                                                                                                                                     |                                                                                                                               |                                           |                                                                                                                                                                                                                                 |                                           |                                           |                           |
| R-162.                                                                     | Existing smooth-surfaced BUR                                                                                                        | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                          | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | N/A                                       | PVCX-WB                                   | -75.0                     |
| R-163.                                                                     | Existing smooth surfaced BUR or granule surfaced roof cover                                                                         | (Optional) Min. 1.5-inch EnergyGuard RH                                                                                       | LRF-M                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCX-WB                                   | -75.0                     |
| R-164.                                                                     | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                            | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                          | LRF-M                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | N/A                                       | PVCX-WB                                   | -90.0                     |
| R-165.                                                                     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM     | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                        | LRF-M Canister                            | PVCX-WB                                   | -75.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                                              | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                                                                                                                                                            |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                                                         |                                                                                                                                                                        | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-166.                                                                                                  | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                                                                                                                                  | N/A                                       | PVCX-WB                                   | -90.0                     |
| R-167.                                                                                                  | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                               | LRF-M Canister                            | PVCX-WB                                   | -90.0                     |
| R-168.                                                                                                  | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | LRF-XF                                    | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | LRF-XF                                    | PVCX-WB                                   | -90.0                     |
| R-169.                                                                                                  | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | OB500                                     | (Optional) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                                                    | N/A                                       | PVCX-WB                                   | -90.0                     |
| R-170.                                                                                                  | Existing smooth surfaced BUR / APP modified bitumen or granule surfaced roof cover                                                                                     | (Optional) Min. 1.5-inch EnergyGuard RH                                                                                   | OB500                                     | Min. 0.5-inch EnergyGuard RH HD Polyiso Insulation, EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCX-WB                                   | -97.5                     |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS IN WB181 BONDING ADHESIVE:</b> |                                                                                                                                                                        |                                                                                                                           |                                           |                                                                                                                                                                                                                                 |                                           |                                           |                           |
| R-171.                                                                                                  | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                        | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVCF-WB                                   | -45.0                     |
| R-172.                                                                                                  | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                      | LRF-M                                     | None                                                                                                                                                                                                                            | N/A                                       | PVCF-WB                                   | -75.0                     |
| R-173.                                                                                                  | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M                                     | (Optional) Additional layer of base insulation                                                                                                                                                                                  | LRF-M                                     | PVCF-WB                                   | -110.0                    |
| R-174.                                                                                                  | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                                                      | LRF-M                                     | PVCF-WB                                   | -110.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                 |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-175.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                          | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 6-inch o.c.                        | PVCF-WB                                   | -157.5                    |
| R-176.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                               | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | LRF-M, 6-inch o.c.                        | PVCF-WB                                   | -157.5                    |
| R-177.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                               | LRF-M, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M, 4-inch o.c.                        | PVCF-WB                                   | -187.5                    |
| R-178.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                          | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | LRF-M, 4-inch o.c.                        | PVCF-WB                                   | -200.0                    |
| R-179.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) 0.5-inch EnergyGuard Polyiso Insulation or min. Min. 1.5-inch EnergyGuard RH                               | LRF-M                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-M                                     | PVCF-WB                                   | -75.0                     |
| R-180.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                               | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | LRF-M                                     | PVCF-WB                                   | -157.5                    |
| R-181.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                               | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | LRF-M                                     | PVCF-WB                                   | -187.5                    |
| R-182.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced SBS or granule-surfaced APP modified bitumen                                                   | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-M                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | LRF-M                                     | PVCF-WB                                   | -225.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                        |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                        | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-183.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board | LRF-M Canister                            | PVCF-WB                                   | -75.0                     |
| R-184.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                   | LRF-M Canister                            | PVCF-WB                                   | -157.5                    |
| R-185.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                            | (Optional) Additional layer of base insulation                                              | LRF-M Canister                            | PVCF-WB                                   | -200.0                    |
| R-186.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard RH                                                            | LRF-M Canister                            | None                                                                                        | N/A                                       | PVCF-WB                                   | -225.0                    |
| R-187.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                           | LRF-M Canister                            | PVCF-WB                                   | -225.0                    |
| R-188.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                    | None                                                                                        | N/A                                       | PVCF-WB                                   | -45.0                     |
| R-189.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-XF                                    | (Optional) Additional layer of base insulation                                              | LRF-XF                                    | PVCF-WB                                   | -110.0                    |
| R-190.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                   | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation  | LRF-XF                                    | PVCF-WB                                   | -110.0                    |
| R-191.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation                                              | LRF-XF, 6-inch o.c.                       | PVCF-WB                                   | -157.5                    |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                |                                           | Top Insulation Layer                                                                       |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                 | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-192.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                              | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF, 6-inch o.c.                       | PVCF-WB                                   | -157.5                    |
| R-193.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | LRF-XF                                    | (Optional) Additional layers base insulation                                               | LRF-XF                                    | PVCF-WB                                   | -180.0                    |
| R-194.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                              | LRF-XF, 4-inch o.c.                       | Min. 1.5-inch Ultra HD Composite Insulation                                                | LRF-XF, 4-inch o.c.                       | PVCF-WB                                   | -187.5                    |
| R-195.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                         | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation                                             | LRF-XF, 4-inch o.c.                       | PVCF-WB                                   | -200.0                    |
| R-196.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation   | OB500                                     | None                                                                                       | OB500                                     | PVCF-WB                                   | -45.0                     |
| R-197.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                         | OB500                                     | (Optional) Additional layer of base insulation                                             | OB500                                     | PVCF-WB                                   | -110.0                    |
| R-198.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                              | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCF-WB                                   | -110.0                    |
| R-199.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                       | OB500                                     | (Optional) Additional layers base insulation                                               | OB500                                     | PVCF-WB                                   | -120.0                    |
| R-200.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                         | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                             | OB500, 6-inch o.c.                        | PVCF-WB                                   | -157.5                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                           | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                 |                                           | Top Insulation Layer                                                                                                                                                                      |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                                      |                                                                                                                                                                        | Type                                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-201.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                               | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                                                                                                | OB500, 6-inch o.c.                        | PVCF-WB                                   | -157.5                    |
| R-202.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                               | OB500, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500, 4-inch o.c.                        | PVCF-WB                                   | -187.5                    |
| R-203.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                          | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                                                                                            | OB500, 4-inch o.c.                        | PVCF-WB                                   | -200.0                    |
| R-204.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) 0.5-inch EnergyGuard Polyiso Insulation                                                                    | OB500                                     | Min. 0.5-inch EnergyGuard HD Polyiso Cover Board or EnergyGuard HD Plus Polyiso Cover Board or min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | OB500                                     | PVCF-WB                                   | -97.5                     |
| R-205.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1.5-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                             | OB500                                     | Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                                                         | OB500                                     | PVCF-WB                                   | -120.0                    |
| R-206.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                               | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                                                                                 | OB500                                     | PVCF-WB                                   | -157.5                    |
| R-207.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                               | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                                                                                               | OB500                                     | PVCF-WB                                   | -187.5                    |
| R-208.                                                                               | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional when using coverboard) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation | OB500                                     | (Optional when using base insulation) Min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board                                                                                   | OB500                                     | PVCF-WB                                   | -225.0                    |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                                                                                                                        |                                                                                                                       |                                           |                                                                                                                                                                                           |                                           |                                           |                           |
| R-209.                                                                               | Existing granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                    | LRF-M                                     | None                                                                                                                                                                                      | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                 | Base Insulation Layer                                                                                                                           |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                     | Type                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-210.     | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                            | LRF-M                                     | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-211.     | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-212.     | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                         | LRF-M                                     | PVCX-LM, 12-inch o.c.                     | -37.5                     |
| R-213.     | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M                                     | PVCX-LO, 12-inch o.c.                     | -45.0                     |
| R-214.     | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-215.     | Existing smooth- or granule-surfaced BUR, granule-surfaced modified bitumen or smooth-surfaced SBS modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | LRF-M                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-216.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                         | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -165.0                    |
| R-217.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                            | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                                                      | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |
| R-218.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN                 | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                             | Base Insulation Layer                                                                                                           |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                 | Type                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-219.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCX-LM, 4-inch o.c.                      | -180.0                    |
| R-220.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M Canister                            | PVCX-LM, 12-inch o.c.                     | -37.5                     |
| R-221.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M Canister                            | PVCX-LO, 12-inch o.c.                     | -45.0                     |
| R-222.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M Canister                            | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-223.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                    | LRF-M Canister                            | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-224.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-225.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCX-LM or PVCX-LO, 4-inch o.c.           | -165.0                    |
| R-226.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |
| R-227.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                              | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                      | Base Insulation Layer                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                          | Type                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-228.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                          | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-229.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-230.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF                                    | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                         | LRF-XF                                    | PVCX-LM, 12-inch o.c.                     | -37.5                     |
| R-231.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF                                    | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-XF                                    | PVCX-LO, 12-inch o.c.                     | -45.0                     |
| R-232.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF                                    | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-XF                                    | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-233.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF                                    | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | LRF-XF                                    | PVCX-LM, 12-inch o.c.                     | -45.0                     |
| R-234.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.           | -165.0                    |
| R-235.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                    | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |
| R-236.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |
| R-237.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCX-LM, 4-inch o.c.                      | -180.0                    |
| R-238.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                            | OB500                                     | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                 | Base Insulation Layer                                                                                                                           |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                     | Type                                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-239.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                            | OB500                                     | None                                                                                                                     | N/A                                       | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-240.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                 | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -60.0                     |
| R-241.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                         | OB500                                     | PVCX-LM, 12-inch o.c.                     | -37.5                     |
| R-242.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                            | OB500                                     | PVCX-LO, 12-inch o.c.                     | -45.0                     |
| R-243.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | OB500                                     | PVCX-LM or PVCX-LO, 12-inch o.c.          | -45.0                     |
| R-244.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | OB500                                     | PVCX-LM, 12-inch o.c.                     | -45.0                     |
| R-245.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation                                                                                         | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -165.0                    |
| R-246.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Ultra                                                                                                      | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |
| R-247.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN                 | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCX-LM or PVCX-LO, 4-inch o.c.           | -180.0                    |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                                                        | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                                                         |                                           | Top Insulation Layer                                                                                  |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                                                                   |                                                                                                                                                                        | Type                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                  | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-248.                                                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN                               | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board | OB500                                     | PVCX-LM, 4-inch o.c.                      | -180.0                    |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS IN LRF ADHESIVE M OR LRF ADHESIVE O:</b> |                                                                                                                                                                        |                                                                                                                                                               |                                           |                                                                                                       |                                           |                                           |                           |
| R-249.                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                            | LRF-M                                     | None                                                                                                  | N/A                                       | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-250.                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                                                                       | LRF-M                                     | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                        | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-251.                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                                          | LRF-M                                     | None                                                                                                  | N/A                                       | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-252.                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                               | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation            | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-253.                                                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                                  | LRF-M                                     | (Optional) Additional layer of base insulation                                                        | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-254.                                                                                                            | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                       | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation            | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-255.                                                                                                            | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                      | LRF-M                                     | PVCF-LM, 12-inch o.c.                     | -37.5                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                             | Base Insulation Layer                                                                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                 | Type                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-256.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M                                     | PVCF-LO, 12-inch o.c.                     | -45.0                     |
| R-257.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-258.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | LRF-M                                     | PVCF-LM, 12-inch o.c.                     | -45.0                     |
| R-259.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                               | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCF-LM or PVCF-LO, 4-inch o.c.           | -165.0                    |
| R-260.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                               | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |
| R-261.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN                               | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |
| R-262.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                        | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN                               | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCF-LM, 4-inch o.c.                      | -180.0                    |
| R-263.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM                                     | LRF-M<br>Canister                         | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M<br>Canister                         | PVCF-LM, 12-inch o.c.                     | -37.5                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                     |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                      | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-264.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.25-inch DensDeck Prime                                                                                            | LRF-M Canister                            | PVCF-LO, 12-inch o.c.                     | -45.0                     |
| R-265.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-266.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                           | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-267.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                           | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-268.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-269.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCF-LM or PVCF-LO, 4-inch o.c.           | -165.0                    |
| R-270.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |
| R-271.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                        | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-272.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                              | LRF-XF                                    | (Optional) Additional layer of base insulation                                                                           | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-273.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-XF                                    | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-274.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.           | -165.0                    |
| R-275.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |
| R-276.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |
| R-277.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-LM, 4-inch o.c.                      | -180.0                    |
| R-278.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                            | OB500                                     | None                                                                                                                     | N/A                                       | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-279.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN                                       | OB500                                     | Min. 1.5-inch EnergyGuard RA or EnergyGuard RN                                                                           | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-280.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                          | OB500                                     | None                                                                                                                     | N/A                                       | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-281.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation               | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-282.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                  | OB500                                     | (Optional) Additional layer of base insulation                                                                           | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-283.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                                       | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -60.0                     |
| R-284.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch DensDeck Prime or DEXcell FA Glass Mat Roof Board                                                         | OB500                                     | PVCF-LM, 12-inch o.c.                     | -37.5                     |
| R-285.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch DensDeck Prime                                                                                            | OB500                                     | PVCF-LO, 12-inch o.c.                     | -45.0                     |
| R-286.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board                                                                          | OB500                                     | PVCF-LM or PVCF-LO, 12-inch o.c.          | -45.0                     |
| R-287.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation or min. 1-inch EnergyGuard RA, EnergyGuard RH or EnergyGuard RN | OB500                                     | Min. 0.25-inch DEXcell FA Glass Mat Roof Board                                                                           | OB500                                     | PVCF-LM, 12-inch o.c.                     | -45.0                     |
| R-288.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                               | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCF-LM or PVCF-LO, 4-inch o.c.           | -165.0                    |
| R-289.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                                               | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |
| R-290.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN                               | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-LM or PVCF-LO, 4-inch o.c.           | -180.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                               | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                 | Base Insulation Layer                                                                                                           |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                          |                                                                                                                                     | Type                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-291.                                                                   | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCF-LM, 4-inch o.c.                      | -180.0                    |
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS IN SPATTER APPLICATIONS:</b> |                                                                                                                                     |                                                                                                                                 |                                           |                                                                                                                          |                                           |                                           |                           |
| R-292.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCX-OB                                   | -165.0                    |
| R-293.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCX-OB                                   | -180.0                    |
| R-294.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCX-OB                                   | -180.0                    |
| R-295.                                                                   | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M<br>Canister                         | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M<br>Canister                         | PVCX-OB                                   | -165.0                    |
| R-296.                                                                   | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                     | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M<br>Canister                         | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M<br>Canister                         | PVCX-OB                                   | -180.0                    |
| R-297.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-XF                                    | PVCX-OB                                   | -165.0                    |
| R-298.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-XF                                    | PVCX-OB                                   | -180.0                    |
| R-299.                                                                   | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                            | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCX-OB                                   | -180.0                    |



**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                                            | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                           |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|                                                                                                       |                                                                                                                                                                        | Type                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-300.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCX-OB                                   | -165.0                    |
| R-301.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCX-OB                                   | -180.0                    |
| R-302.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCX-OB                                   | -180.0                    |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS IN SPATTER APPLICATIONS:</b> |                                                                                                                                                                        |                                                                                                                                 |                                           |                                                                                                                          |                                           |                                           |                           |
| R-303.                                                                                                | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                              | LRF-M                                     | None                                                                                                                     | N/A                                       | PVCF-XF or PVCF-OB                        | -45.0                     |
| R-304.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                    | LRF-M                                     | (Optional) Additional layer of base insulation                                                                           | LRF-M                                     | PVCF-XF or PVCF-OB                        | -110.0                    |
| R-305.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                         | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M                                     | PVCF-XF or PVCF-OB                        | -110.0                    |
| R-306.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                    | LRF-M, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                           | LRF-M, 6-inch o.c.                        | PVCF-XF or PVCF-OB                        | -157.5                    |
| R-307.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                         | LRF-M, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | LRF-M, 6-inch o.c.                        | PVCF-XF or PVCF-OB                        | -157.5                    |
| R-308.                                                                                                | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                         | LRF-M, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M, 4-inch o.c.                        | PVCF-XF or PVCF-OB                        | -187.5                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                           |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-309.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                    | LRF-M, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                           | LRF-M, 4-inch o.c.                        | PVCF-XF or PVCF-OB                        | -200.0                    |
| R-310.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M                                     | PVCF-XF or PVCF-OB                        | -165.0                    |
| R-311.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | LRF-M                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | LRF-M                                     | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-312.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M                                     | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-313.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN | LRF-M                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-M                                     | PVCF-XF                                   | -180.0                    |
| R-314.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                            | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | LRF-M Canister                            | PVCF-XF or PVCF-OB                        | -165.0                    |
| R-315.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                    | LRF-M Canister                            | (Optional) Additional layer of base insulation                                                                           | LRF-M Canister                            | PVCF-XF or PVCF-OB                        | -200.0                    |
| R-316.     | Existing smooth- or granule-surface asphalt BUR or SBS modified bitumen or granule-surface APP modified bitumen                                                        | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation, EnergyGuard RA, EnergyGuard RH, EnergyGuard RN or EnergyGuard RM       | LRF-M Canister                            | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-M Canister                            | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-317.     | Existing smooth- or granule-surfaced BUR or smooth- or granule-surfaced modified bitumen                                                                               | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                              | LRF-XF                                    | None                                                                                                                     | N/A                                       | PVCF-XF or PVCF-OB                        | -45.0                     |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                              |                                           | Top Insulation Layer                                                                       |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                               | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                       | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-318.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-XF                                    | (Optional) Additional layer of base insulation                                             | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -110.0                    |
| R-319.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -110.0                    |
| R-320.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-XF, 6-inch o.c.                       | (Optional) Additional layer of base insulation                                             | LRF-XF, 6-inch o.c.                       | PVCF-XF or PVCF-OB                        | -157.5                    |
| R-321.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF, 6-inch o.c.                       | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation | LRF-XF, 6-inch o.c.                       | PVCF-XF or PVCF-OB                        | -157.5                    |
| R-322.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF                                    | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                  | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -165.0                    |
| R-323.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation    | LRF-XF                                    | Min. 1.5-inch Ultra HD Composite Insulation                                                | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-324.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA | LRF-XF                                    | (Optional) Additional layers base insulation                                               | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-325.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                            | LRF-XF, 4-inch o.c.                       | Min. 1.5-inch Ultra HD Composite Insulation                                                | LRF-XF, 4-inch o.c.                       | PVCF-XF or PVCF-OB                        | -187.5                    |
| R-326.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                       | LRF-XF, 4-inch o.c.                       | (Optional) Additional layer of base insulation                                             | LRF-XF, 4-inch o.c.                       | PVCF-XF or PVCF-OB                        | -200.0                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                         |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                          | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-327.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | LRF-XF                                    | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-328.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS or APP modified bitumen                                                                      | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RA, EnergyGuard RH | LRF-XF                                    | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | LRF-XF                                    | PVCF-XF                                   | -180.0                    |
| R-329.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | Min. 1-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                            | OB500                                     | None                                                                                                                     | N/A                                       | PVCF-XF or PVCF-OB                        | -45.0                     |
| R-330.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | OB500                                     | (Optional) Additional layer of base insulation                                                                           | OB500                                     | PVCF-XF or PVCF-OB                        | -110.0                    |
| R-331.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                       | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500                                     | PVCF-XF or PVCF-OB                        | -110.0                    |
| R-332.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                  | OB500, 6-inch o.c.                        | (Optional) Additional layer of base insulation                                                                           | OB500, 6-inch o.c.                        | PVCF-XF or PVCF-OB                        | -157.5                    |
| R-333.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                       | OB500, 6-inch o.c.                        | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation or Ultra HD Composite Insulation                               | OB500, 6-inch o.c.                        | PVCF-XF or PVCF-OB                        | -157.5                    |
| R-334.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | (Optional) Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                       | OB500, 4-inch o.c.                        | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500, 4-inch o.c.                        | PVCF-XF or PVCF-OB                        | -187.5                    |

**TABLE 7A: RECOVER APPLICATIONS**  
**SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new insulation, coverboard and roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No. | Substrate<br>( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                    | Base Insulation Layer                                                                                                           |                                           | Top Insulation Layer                                                                                                     |                                           | Roof Cover<br>( <a href="#">Note 15</a> ) | MDP<br>(psf) <sup>A</sup> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------|
|            |                                                                                                                                                                        | Type                                                                                                                            | Attach<br>( <a href="#">Notes 6,7,8</a> ) | Type                                                                                                                     | Attach<br>( <a href="#">Notes 6,7,8</a> ) |                                           |                           |
| R-335.     | Existing smooth- or granule-surfaced BUR; smooth- or granule surfaced SBS modified bitumen or gravel-surfaced BUR, brushed/spudded and vacuumed to remove loose gravel | Min. 1.5-inch EnergyGuard Polyiso Insulation                                                                                    | OB500, 4-inch o.c.                        | (Optional) Additional layer of base insulation                                                                           | OB500, 4-inch o.c.                        | PVCF-XF or PVCF-OB                        | -200.0                    |
| R-336.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | OB500                                     | Min. 1.5-inch EnergyGuard Polyiso-HD Composite Insulation                                                                | OB500                                     | PVCF-XF or PVCF-OB                        | -165.0                    |
| R-337.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation or EnergyGuard Ultra Polyiso Insulation                                 | OB500                                     | Min. 1.5-inch Ultra HD Composite Insulation                                                                              | OB500                                     | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-338.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board | OB500                                     | PVCF-XF or PVCF-OB                        | -180.0                    |
| R-339.     | Existing smooth- or granule-surfaced BUR; smooth- or granule-surfaced SBS modified bitumen or granule-surfaced APP modified bitumen                                    | (Optional) Min. 0.5-inch EnergyGuard Polyiso Insulation, EnergyGuard Ultra Polyiso Insulation, EnergyGuard RH or EnergyGuard RN | OB500                                     | Optional additional layers base insulation followed by min. 0.25-inch DEXcell FA Glass Mat Roof Board                    | OB500                                     | PVCF-XF                                   | -180.0                    |

**TABLE 7b: STEEL - RECOVER**
**SYSTEM TYPE C-2: INDUCTION WELDED ROOF COVER**

(All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)

| System No. | Substrate<br>(Note 1)                                                                                                                         | Insulation Layer                                            | Attachment                                                                                                                            |                            | Roof Cover (Note 15B)                                                                                                                | MDP<br>(psf) |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------|
|            |                                                                                                                                               |                                                             | Fastener (Note 11)                                                                                                                    | Spacing                    |                                                                                                                                      |              |
| R-340.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced <b>max. 60-inch o.c.</b> | One or more layers, any combination, preliminarily fastened | Drill-Tec Purlin Fastener or Drill-Tec Hex-Head Purlin Fastener and Drill-Tec RhinoBond PVC XHD Plate are fastened through to purlins | 18-inch o.c. along purlins | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -37.5        |
| R-341.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced <b>max. 60-inch o.c.</b> | One or more layers, any combination, preliminarily fastened | Drill-Tec Purlin Fastener or Drill-Tec Hex-Head Purlin Fastener and Drill-Tec RhinoBond PVC XHD Plate are fastened through to purlins | 12-inch o.c. along purlins | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -52.5        |
| R-342.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi steel purlins spaced <b>max. 72-inch o.c.</b> | One or more layers, any combination, preliminarily fastened | Drill-Tec Purlin Fastener or Drill-Tec Hex-Head Purlin Fastener and Drill-Tec RhinoBond PVC XHD Plate are fastened through to purlins | 6-inch o.c. along purlins  | EverGuard PVC or EverGuard PVC KEE induction welded with RhinoBond Portable Bonding Tool, per manufacturer's published instructions. | -75.0        |

**TABLE 7c: STEEL - RECOVER**
**SYSTEM TYPE D-1: INSULATED, MECHANICALLY ATTACHED ROOF COVER**

(All areas where the existing metal panels do not lay flush on the underlying purlin shall have a 0.25-inch diameter pilot hole pre-drilled into the panel prior to driving the Purlin Fastener into the purlin.)

| System No. | Deck (Note 1)                                                                                                                                                                       | Insulation                          |                  | Roof Cover (Note 15A)              |                                                                                                                                                                                                                         |                                                                                                                                          | MDP<br>(psf) |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|            |                                                                                                                                                                                     | Type                                | Attach           | Membrane                           | Fastener (Note 11)                                                                                                                                                                                                      | Attachment                                                                                                                               |              |
| R-343.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi or min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced <b>max. 114-inch o.c.</b> | One or more layers, any combination | Prelim. Attached | EverGuard PVC or EverGuard PVC KEE | Drill-Tec Hex Head Purlin Fastener and Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate or Drill-Tec #12 Purlin Fastener with Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate | 12-inch o.c. in rows spaced max. 114-inch o.c. to engage steel purlin. An 8-inch wide cover strip is heat welded over the stress plates. | -30.0        |
| R-344.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi or min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced <b>max. 120-inch o.c.</b> | One or more layers, any combination | Prelim. attached | EverGuard PVC or EverGuard PVC KEE | Drill-Tec Hex Head Purlin Fastener and Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate or Drill-Tec #12 Purlin Fastener with Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate | 6-inch o.c. in rows spaced max. 120-inch o.c. to engage steel purlin. An 8-inch wide cover strip is heat welded over the stress plates.  | -45.0        |
| R-345.     | Existing standing seam or lap seam metal roof covers having min. 16 gauge (0.0598 inch), 50 ksi or min. 12 gauge (0.105 in.), 36 ksi steel purlins spaced <b>max. 114-inch o.c.</b> | One or more layers, any combination | Prelim. attached | EverGuard PVC or EverGuard PVC KEE | Drill-Tec Hex Head Purlin Fastener and Drill-Tec 2-3/8 in. Barbed XHD Plate, Drill-Tec Eyehook AccuSeam Plate or Drill-Tec #12 Purlin Fastener with Drill-Tec 2.4" Barbed Seam Plate or Drill-Tec 2.4" Scoop Seam Plate | 6-inch o.c. in rows spaced max. 114-inch o.c. to engage steel purlin. An 8-inch wide cover strip is heat welded over the stress plates.  | -52.5        |



**TABLE 7D: RECOVER APPLICATIONS**  
**SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER**

<sup>A</sup> The reported MDP documents the allowable maximum design pressure of the new roof cover when adhered to the substrate, irrespective of the deck type (See Note 1) or performance of the substrate (See Note 12). The deck and substrate shall be capable of resisting the project design pressure requirements, not to exceed the noted MDP, to the satisfaction of the Authority Having Jurisdiction.

| System No.                                                                   | Substrate ( <a href="#">Note 1</a> and <a href="#">Note 12</a> )                                                                                                                                   | Roof Cover ( <a href="#">Note 15</a> ) | MDP (psf) <sup>A</sup> |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------|
| <b>EVERGUARD PVC XK FLEECEBACK APPLICATIONS:</b>                             |                                                                                                                                                                                                    |                                        |                        |
| R-346.                                                                       | Existing fully adhered granule-surfaced asphaltic roof cover, existing fully adhered granule-surfaced SBS modified bitumen or existing fully adhered granule-surfaced APP modified bitumen         | PVCX-LM or PVCX-LO, 12-inch o.c.       | -60.0                  |
| R-347.                                                                       | Existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing fully adhered smooth- or granule-surfaced APP modified bitumen                                                 | PVCX-LM or PVCX-LO, 4-inch o.c.        | -337.5                 |
| R-348.                                                                       | Existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing fully adhered granule-surfaced APP modified bitumen                                                            | PVCX-OB                                | -337.5                 |
| <b>EVERGUARD PVC FLEECEBACK OR EVERGUARD PVC KEE FLEECEBACK APPLICATIONS</b> |                                                                                                                                                                                                    |                                        |                        |
| R-349.                                                                       | Existing fully adhered, granule-surfaced asphaltic roof cover                                                                                                                                      | PVCF-LM or PVCF-LO, 12-inch o.c.       | -60.0                  |
| R-350.                                                                       | Existing fully adhered granule-surfaced asphaltic roof cover                                                                                                                                       | PVCF-LM, 6-inch o.c.                   | -67.5                  |
| R-351.                                                                       | Existing fully adhered granule-surfaced asphaltic roof cover, existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing smooth- or granule-surfaced APP modified bitumen | PVCF-LM or PVCF-LO, 4-inch o.c.        | -330.0                 |
| R-352.                                                                       | Existing fully adhered smooth- or granule-surfaced SBS modified bitumen or existing fully adhered granule-surfaced APP modified bitumen                                                            | PVCF-XF or PVCF-OB                     | -330.0                 |
| R-353.                                                                       | Existing fully adhered, granule-surfaced asphaltic roof cover                                                                                                                                      | PVCF-HA                                | -405.0                 |