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Product Approval
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 Application Detail

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FL #	FL620-R29								
Application Type	Revision								
Code Version	2023								
Application Status	Approved								
Comments									
Archived	<input type="checkbox"/>								
Product Manufacturer	GAF								
Address/Phone/Email	1 Campus Drive Parisppany, NJ 07054 (800) 766-3411 mstieh@gaf.com								
Authorized Signature	Robert Nieminen lireith@nemoetc.com								
Technical Representative	William Broussard								
Address/Phone/Email	1 Campus Drive Parsippany, NJ 07054 (800) 766-3411 TechnicalQuestionsGAF@gaf.com								
Quality Assurance Representative									
Address/Phone/Email									
Category	Roofing								
Subcategory	Cements-Adhesives-Coatings								
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <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 <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received								
Certificate of Independence	FL620_R29_COI_2023_07_COI_NIEMINEN.pdf								
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>ASTM D6083</td> <td>2021</td> </tr> <tr> <td>TAS 110</td> <td>2000</td> </tr> <tr> <td>TAS 139</td> <td>1995</td> </tr> </tbody> </table>	Standard	Year	ASTM D6083	2021	TAS 110	2000	TAS 139	1995
Standard	Year								
ASTM D6083	2021								
TAS 110	2000								
TAS 139	1995								
Equivalence of Product Standards Certified By									
Sections from the Code									

Product Approval Method Method 1 Option D

Date Submitted 08/08/2023
 Date Validated 08/08/2023
 Date Pending FBC Approval 08/09/2023
 Date Approved 10/17/2023

Summary of Products

FL #	Model, Number or Name	Description
620.1	GAF Roof Maintenance Coatings (NON-HVHZ)	Liquid applied roof coatings for use in FBC non-HVHZ jurisdictions.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Refer to PEER Section 5.		Installation Instructions FL620_R29_II_2023_08_08_FINAL_PEER-GAF-004.A_FL620-R29.pdf Verified By: Robert Nieminen PE-59166 Created by Independent Third Party: Yes Evaluation Reports FL620_R29_AE_2023_08_08_FINAL_PEER-GAF-004.A_FL620-R29.pdf 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-004.A.R28

FL620-R29 (NON-HVHZ)

Date of Issuance: 01/05/2009

Revision 28: 08/08/2023

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 8th Edition (2023) Florida Building Code [sections noted herein](#).

DESCRIPTION: GAF Roof Maintenance Coatings (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.

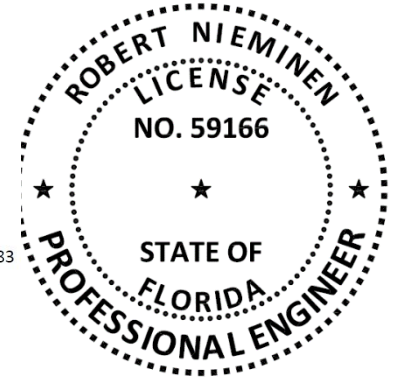
ADVERTISEMENT: The Florida Product Approval Number (FL#) preceded by the words "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be done in its entirety.

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 8.

Prepared by: **Digitally signed**
by Robert
Nieminen
Date: 2023.08.08
'18:39:36 -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.

ROOFING COMPONENT EVALUATION:
1. SCOPE:

Product Category: Roofing
Sub-Category: Cements – Adhesives – Coatings
Product Approval Method: Method 1, Option D – Codified Material, Evaluation by Engineer
Compliance Statement: **GAF Roof Maintenance Coatings**, as outlined herein and produced by **GAF**, have demonstrated compliance with the **8th Edition (2023) Florida Building Code** through testing in accordance with the Standards set forth herein. Compliance is subject to the Installation Requirements and Limitations / Conditions of Use set forth herein.

2. STANDARDS:

<u>SECTION</u>	<u>PROPERTY</u>	<u>STANDARD</u>	<u>YEAR</u>
1507.10.2, 1507.14.3, R905.9.2, R905.11.2, R905.14.3	Material standard	ASTM D6083	2021
TAS 110	Material standard	TAS 139	1995
1523.1.1	Material standard	TAS 110	2000

3. REFERENCES:

<u>ENTITY</u>	<u>EXAMINATION</u>	<u>REFERENCE</u>	<u>Date</u>
GAF	Equivalency	Declaration	08/03/22
NEMO (TST 6049)	ASTM D6083 (C-SC)	4p-GAF-19-SSLAP-01.A-R1	07/19/19
PRI (TST 5878)	Physical Properties (MA)	GAF-500-02-01	03/11/14
PRI (TST 5878)	Physical Properties (MA)	GAF-508-02-01	03/11/14
PRI (TST 5878)	Physical Properties (AZ)	GAF-672-02-01	05/31/16
PRI (TST 5878)	Physical Properties (C-SC)	GAF-673-02-01	05/31/16
PRI (TST 5878)	Physical Properties (C-SC)	GAF-674-02-01	05/31/16
PRI (TST 5878)	Physical Properties (S-SC)	GAF-676-02-01	05/31/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-679-02-01	05/31/16
PRI (TST 5878)	Physical Properties (C-SC)	GAF-680-02-01	05/31/16
PRI (TST 5878)	Physical Properties (MA)	GAF-657-02-01	06/02/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-659-02-01	06/02/16
PRI (TST 5878)	Physical Properties (C-SC)	GAF-660-02-01	06/02/16
PRI (TST 5878)	Physical Properties (MO)	GAF-661-02-01	06/02/16
PRI (TST 5878)	Physical Properties (FI-SC)	GAF-663-02-01	06/02/16
PRI (TST 5878)	Physical Properties (WA)	GAF-664-02-01	06/02/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-665-02-01	06/02/16
PRI (TST 5878)	Adhesion (AZ)	GAF-687-02-01	06/06/16
PRI (TST 5878)	Adhesion (C-SC)	GAF-688-02-01	06/06/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-662-02-01	06/07/16
PRI (TST 5878)	Adhesion (AZ)	GAF-689-02-02	06/21/16
PRI (TST 5878)	Adhesion (MA)	GAF-692-02-01	06/21/16
PRI (TST 5878)	Adhesion (AZ)	GAF-694-02-01	06/21/16
PRI (TST 5878)	TAS 139 (MA)	GAF-667-02-01	06/30/16
PRI (TST 5878)	TAS 139 (MA)	GAF-671-02-01	06/30/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-678-02-01	07/05/16
PRI (TST 5878)	Physical Properties (AZ)	GAF-712-02-01	07/15/16
PRI (TST 5878)	ASTM D6083, Table 2 (MA)	GAF-498-02-01	09/16/16
PRI (TST 5878)	ASTM D6083, FIN (SC)	GAF-777-02-01	09/15/17
PRI (TST 5878)	ASTM D6083 (C-SC)	GAF-778-02-01	09/15/17
PRI (TST 5878)	Physical Properties (MA)	GAF-873-02-01	01/23/19
PRI (TST 5878)	Physical Properties (C-SC)	GAF-907-02-01	01/25/19
PRI (TST 5878)	Physical Properties (SC)	GAF-908-02-01	01/25/19
PRI (TST 5878)	Adhesion (C-SC)	GAF-911-02-01.01	05/24/19

ENTITY	EXAMINATION	REFERENCE	Date
PRI (TST 5878)	Physical Properties (C-SC)	376T0048	12/04/19
PRI (TST 5878)	Physical Properties (AZ)	376T0077	06/15/20
PRI (TST 5878)	Physical Properties (AZ)	376T0172	07/07/21
PRI (TST 5878)	ASTM D6083, FIN (AZ)	376T0159	08/31/21
PRI (TST 5878)	Physical Properties (MA)	376T0270	01/14/22
PRI (TST 5878)	Physical Properties (AZ)	376T0340	10/28/22
PRI (TST 5878)	Physical Properties (AZ)	376T0341	10/28/22
UL, LLC. (QUA9625)	Quality Assurance	Service Confirmation	07/12/22
UL, LLC. (QUA9625)	Quality Assurance	Florida BCIS	Current

4. PRODUCT DESCRIPTION:			
TABLE 1: EVALUATED MAINTENANCE COATINGS & ACCESSORIES			
USE	PRODUCT	MATERIAL STANDARD	MANUFACTURING
COATING	GAF Acrylic Top Coat	ASTM D6083	Charleston, SC Phoenix, AZ
	GAF Premium Acrylic HydroStop® Top Coat	ASTM D6083	Charleston, SC Phoenix, AZ
	GAF I.S. Acrylic Top Coat	ASTM D6083, Type II	Charleston, SC
	GAF Surface Seal SB Roof Coating	ASTM D6083 (film)	Walpole, MA
	GAF Sky-Lite	N/A	Walpole, MA
BASE COAT	GAF Acrylic Base Coat	N/A	Charleston, SC Phoenix, AZ
	GAF Premium Acrylic HydroStop® Base Coat	N/A	Charleston, SC Phoenix, AZ
REINFORCEMENT	GAF Premium Fabric	N/A	Spartanburg, SC
SURFACING (OVER COATING)	GAF TrafficCoat Pedestrian Surface Coating (Smooth or Textured)	N/A	Phoenix, AZ
PRIMER	GAF Bleed-Block Acrylic Base Coat	N/A	Walpole, MA
	GAF UniBase Primer	N/A	Charleston, SC Phoenix, AZ
	GAF EPDM Activator	N/A	Fountain Inn, SC
	GAF BarrierGuard® Surface Coating	N/A	Charleston, SC Phoenix, AZ
	GAF SureBond Primer	N/A	Charleston, SC Phoenix, AZ
	GAF Lock-Down Primer	N/A	Richmond, MO
	GAF Metal Roof Primer	N/A	Charleston, SC Phoenix, AZ
	GAF Epoxy Primer	N/A	Charleston, SC Phoenix, AZ
	GAF TPO Red Primer	N/A	Walpole, MA

TABLE 1: EVALUATED MAINTENANCE COATINGS & ACCESSORIES			
USE	PRODUCT	MATERIAL STANDARD	MANUFACTURING
FLASHING/DETAILING	GAF Premium Brush-Grade Acrylic Flashing	N/A	Phoenix, AZ
	GAF FlexSeal™ Sealant	TAS 139	Walpole, MA
	GAF FlexSeal™ Caulk Grade Sealant	TAS 139	Walpole, MA
	GAF RepairPro Sealant	TAS 139	Walpole, MA
	GAF RepairPro Caulk Grade Sealant	TAS 139	Walpole, MA
	GAF Spray-Grade Acrylic Flashing	TAS 139	Walpole, MA
CLEANING AGENT	GAF Cleaning Concentrate	N/A	Olympia, WA
TOUCH-UP (ENERGYCAP™ MEMBRANES)	GAF EnergyCote™ Roof Coating	N/A	Phoenix, AZ Walpole, MA
FIRE BARRIER	GAF FireOut™ Fire Barrier Coating	N/A	Walpole, MA

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 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 **GAF Roof Maintenance Coatings** are components for use in Approved roof assemblies. Refer to the “Approved Use” in [Section 4](#) for each component. The coatings noted herein are not purported to be Roofing Systems, and their use shall be governed by and limited to applications where Roof System Product Approval is not necessary (e.g., maintenance and repair) or where the components are called out in a Roof System Product Approval.
- 5.6 The existing roof system and/or substrate shall meet wind uplift requirements of the project to the satisfaction of the Authority Having Jurisdiction.
- 5.7 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:

6.1 **GAF Roof Maintenance Coating** products shall be installed in accordance with **GAF** published installation instructions, subject to the Limitations in [Section 5](#) and the Approved Use in [Section 4](#).

TABLE 2: SUBSTRATES & APPLICATION RATES					
GAF SURFACE SEAL SB APPLICATION RATES					
SUBSTRATE	PRIMER		PRODUCT	RATE (GAL./SQ.)	
	PRODUCT	RATE (GAL./SQ.)		BASE COAT	TOP COAT
Built-up roof (BUR), smooth-surfaced, existing or new	(Optional) Bleed-Block Acrylic Base Coat	1.0 to 1.25	GAF Surface Seal SB Roof Coating	1.0 to 1.25	1.75
SBS modified bitumen, granule- or smooth-surfaced, existing or new	(Optional) Bleed-Block Acrylic Base Coat	1.0 to 1.25	GAF Surface Seal SB Roof Coating	1.0 to 1.25	1.75
APP modified bitumen, granule-surfaced, existing or new	(Optional) Bleed-Block Acrylic Base Coat	1.0 to 1.25	GAF Surface Seal SB Roof Coating	1.0 to 1.25	1.75
APP modified bitumen, smooth-surfaced, existing	(Optional) Bleed-Block Acrylic Base Coat	1.0 to 1.25	GAF Surface Seal SB Roof Coating	1.0 to 1.25	1.75
Single ply, EPDM, existing or new <i>(fully adhered only)</i>	None	N/A	GAF Surface Seal SB Roof Coating	2 @ 0.5 gal./sq. per coat	1.5
Single ply, TPO, existing or new	None	N/A	GAF Surface Seal SB Roof Coating	2 @ 0.5 gal./sq. per coat	1.5
Structural concrete	None	N/A	GAF Surface Seal SB Roof Coating	1.0 to 1.25	1.75

TABLE 3: SUBSTRATES & APPLICATION RATES					
GAF FIREOUT™ FIRE BARRIER COATING					
SUBSTRATE	PRIMER		PRODUCT	RATE (GAL./SQ.)	
	PRODUCT	RATE (GAL./SQ.)		BASE COAT	TOP COAT
Wood	None	N/A	GAF FireOut Fire Barrier Coating	None	1.0
	Allow to dry completely prior to membrane installation.				
	Consult a current Fire Resistance Directory for applicable fire ratings of roof systems installed atop GAF FireOut Fire Barrier Coating.				

TABLE 4: SUBSTRATES & APPLICATION RATES				
GAF ACRYLIC TOP COAT				
SUBSTRATE	PRIMER	BASE COAT	INTERMEDIATE COAT	FINISH COAT
Galvanized Metal	(Optional) GAF Metal Roof Primer at 0.5 gal./sq.	GAF Acrylic Base Coat at 1.5 gal./sq.	(Optional) GAF Acrylic Top Coat at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
Built-up roof (BUR), smooth-surfaced, existing	GAF Cleaning Concentrate	GAF Acrylic Base Coat at 1.0 gal./sq.	(Optional) GAF Acrylic Top Coat at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.

TABLE 4: SUBSTRATES & APPLICATION RATES
GAF ACRYLIC TOP COAT

SUBSTRATE	PRIMER	BASE COAT	INTERMEDIATE COAT	FINISH COAT
APP modified bitumen, granule-surfaced, existing or new; Built-up roof (BUR), smooth-surfaced, existing or new or SBS modified bitumen, smooth-surfaced, existing	None	GAF Bleed-Block Acrylic Base Coat at 1.0 gal./sq.	(Optional) GAF Acrylic Top Coat at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
APP modified bitumen, granule-surfaced, existing or new; Built-up roof (BUR), smooth-surfaced, existing or new or SBS modified bitumen, smooth-surfaced, existing or new	None	GAF Bleed-Block Acrylic Base Coat at 0.5 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
Built-up roof (BUR), granule-surfaced, existing or new or SBS modified bitumen, granule-surfaced, existing or new	None	GAF Bleed-Block Acrylic Base Coat or GAF Acrylic Base Coat at 1.0 gal./sq..	(Optional) GAF Acrylic Top Coat at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
Built-up roof (BUR), granule-surfaced, existing or new or SBS modified bitumen, granule-surfaced, existing or new	None	GAF Bleed-Block Acrylic Base Coat at 0.5 gal./sq..	GAF Acrylic Top Coat at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
APP modified bitumen, granule-surfaced, existing or new or SBS modified bitumen, granule- or smooth-surfaced, existing or new	None	GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	(Optional) GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
Single Ply, EPDM, existing or new	GAF EPDM Activator at 0.2 gal./sq.	GAF Acrylic Base Coat at 1.0 gal./sq.	(Optional) GAF Acrylic Top Coat at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
Single Ply, EPDM, existing or new	None	GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	(Optional) GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
Single Ply, CSPE (Hypalon), existing	GAF Cleaning Concentrate	GAF Acrylic Base Coat at 1.0 gal./sq.	(Optional) GAF Acrylic Top Coat at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
Single Ply, PVC, existing or new	None	GAF Acrylic Base Coat at 1.0 gal./sq.	(Optional) GAF Acrylic Top Coat at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
Single Ply, TPO, existing or new	GAF TPO Red Primer at 0.5 gal./sq.	GAF Acrylic Base Coat at 1.0 gal./sq.	(Optional) GAF Acrylic Top Coat at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
Single Ply, TPO, existing or new	None	GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	(Optional) GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
Spray-Applied Polyurethane Foam (SPUF)	None	(Optional) GAF Acrylic Base Coat at 1.0 to 1.5 gal./sq.	One or two coats, GAF Acrylic Top Coat at 1.0 to 1.5 gal./sq. per coat.	GAF Acrylic Top Coat at 1.0 to 1.5 gal./sq.
Structural concrete	(Optional) GAF Epoxy Primer at 0.4 gal./sq. or GAF SureBond Primer at 0.4 gal./sq.	GAF Acrylic Base Coat at 1.0 gal./sq.	(Optional) GAF Acrylic Top Coat at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.
Structural concrete	None	GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	(Optional) GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	GAF Acrylic Top Coat at 1.0 gal./sq.

TABLE 5: SUBSTRATES & APPLICATION RATES
GAF PREMIUM ACRYLIC HYDROSTOP®

**Note: Application consists of GAF Premium Acrylic HydroStop Base Coat at 1.25 gal./sq. followed by GAF Premium Fabric embedded into the wet GAF Premium Acrylic HydroStop Base Coat, with minimum 4" wide seams, and a saturation coat of GAF Premium Acrylic HydroStop Base Coat applied at a minimum rate of 1.25 gal./sq.. GAF Premium Acrylic HydroStop Top Coat is then applied in two or more coats, at 0.75 gal./sq. per coat.*

SUBSTRATE	PRIMER	BASE COAT	REINFORCE*	FINISH COAT(S)
Galvanized Metal	(Optional) GAF Metal Roof Primer at 0.5 gal./sq.	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
APP modified bitumen, granule-surfaced, existing or new	United Coatings Unisil A/B Primer at 1.16 gal./sq.	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
APP modified bitumen, smooth-surfaced, existing	United Coatings Unisil A/B Primer at 0.83 gal./sq.	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
Built-up roof (BUR), granule-surfaced, existing or new	(Optional) United Coatings Unisil A/B Primer at 1.16 gal./sq.	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
Built-up roof (BUR), smooth-surfaced, existing or new	United Coatings Unisil A/B Primer at 0.83 gal./sq.	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
SBS modified bitumen, granule-surfaced, existing or new	(Optional) United Coatings Unisil A/B Primer at 1.16 gal./sq.	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
SBS modified bitumen, smooth-surfaced, existing or new	(Optional) United Coatings Unisil A/B Primer at 0.83 gal./sq.	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
Single Ply, PVC, existing or new	(Optional) United Coatings Unisil A/B Primer at 0.33 gal./sq.	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
Single Ply, TPO, existing or new	GAF TPO Red Primer at 0.5 gal./sq.	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
Single Ply, TPO, existing	United Coatings Unisil A/B Primer at 0.33 gal./sq.	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
Spray-Applied Polyurethane Foam (SPUF)	None	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
Structural concrete	(Optional) GAF Epoxy Primer at 0.4 gal./sq. or GAF SureBond Primer at 0.4 gal./sq.	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
Structural concrete	Treatment: GAF BarrierGuard Surface Coating, two coats at 0.67 gal./sq. per coat Primer (Optional): GAF SureBond Primer at 0.4 gal./sq.	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat
Plywood	None	GAF Premium Acrylic HydroStop Base Coat	See Note	GAF Premium Acrylic HydroStop Top Coat

TABLE 6: SUBSTRATES & APPLICATION RATES
GAF I.S. ACRYLIC TOP COAT

SUBSTRATE	TREATMENT	PRIMER	COATING
Galvanized metal	None	(Optional) GAF Metal Roof Primer at 0.33 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
Built-up roof (BUR), granule-surfaced, existing	GAF Cleaning Concentrate	GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
Built-up roof (BUR), granule-surfaced, new	(Optional) GAF Cleaning Concentrate	GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.

TABLE 6: SUBSTRATES & APPLICATION RATES
GAF I.S. ACRYLIC TOP COAT

SUBSTRATE	TREATMENT	PRIMER	COATING
Built-up roof (BUR), smooth-surfaced, existing or new	None	GAF Bleed-Block Acrylic Base Coat at 0.5 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
APP modified bitumen, granule-surfaced, existing	GAF Cleaning Concentrate	GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
APP modified bitumen, granule-surfaced, new	(Optional) GAF Cleaning Concentrate	(Optional) GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
APP modified bitumen, smooth-surfaced, existing	GAF Cleaning Concentrate	GAF Bleed-Block Acrylic Base Coat at 0.5 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
SBS modified bitumen, granule-surfaced, existing	GAF Cleaning Concentrate	GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
SBS modified bitumen, granule-surfaced, new	GAF Cleaning Concentrate	(Optional) GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 1.0 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
SBS modified bitumen, smooth-surfaced, existing	GAF Cleaning Concentrate	GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 0.5 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
SBS modified bitumen, smooth-surfaced, new	(Optional) GAF Cleaning Concentrate	GAF Bleed-Block Acrylic Base Coat or GAF SurfaceSeal SB Roof Coating at 0.5 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
Single Ply, PVC, existing or new	None	(Optional) United Coatings Unisil A/B Primer at 0.33 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
Single Ply, EPDM, existing or new	GAF EPDM Activator at 0.2 gal./sq.	None	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
Single Ply, TPO, existing or new	None	GAF TPO Red Primer at 0.25 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.
Structural concrete	None	(Optional) GAF SureBond Primer at 0.4 gal./sq.	GAF I.S. Acrylic Top Coat at 3.0 to 3.5 gal./sq.

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

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