

Acrylic Quick Spec

STRUCTURAL CONCRETE (LAR-8)

NOTE: The following "Quick Spec" is an abbreviated specification and is not meant to replace the detailed specification. Complete 3-part CSI System Specifications are available at www.gaf.com.



METHOD REQUIREMENTS

Required:

- Moisture survey required (must contain less than 8% moisture)
- Repair deteriorated sections with like materials. Allow repairs to cure properly.
- Roof must be clean, dry and tight
- Apply at 50°F (10°C) and rising with no rain, dew, fog, or freezing temperatures in forecast for 8 hours
- Adhesion test required
- Power washing required
- Concrete must be fully cured

Recommendations:

- Refer to Technical Data Sheet for product specific application and surface temperature restrictions.

Installation Overview:

1. Before coating is applied, an adhesion test is required to ensure an adhesion minimum of 2.0 pounds per linear inch (PLI). Test patches should be applied with rates listed below.
2. Power-wash substrate to remove contaminants that could negatively affect adhesion. Allow roof to completely dry.
3. Prime per chart below.
4. Treat all roof penetrations, drains, curbs, and scuppers. (Refer to Substrate Preparation section for requirements)
5. Treat structural joints with backer rod and compatible sealant prior to seam treatment. (Refer to Seam Treatment Guide for requirements)
6. Control joints in excess of 1/16" (1.6mm) shall also be caulked with a compatible caulk.
7. Apply coating per the chart below:

CLEAN / PRIME		
	Product	Rate (Gal/Sq)
Cleaner	Cleaning Concentrate (<i>diluted</i>)	0.5 - 0.7
Primer	Epoxy Primer	0.3-0.4

SEAMS & DETAILS				
Treatment Type	Product	Total (Gal/Sq)	Total (linear ft/gal) ⁺	DFT* (mils)
3-Coursed Rates	Premium Brush-Grade Acrylic Flashing and Fabric	4.0	30	43
Flashing Grade Only Rates	Premium Brush-Grade Acrylic Flashing	2.0	100	19

Note: For other product options, please refer to our Seam Treatment Guide.
⁺Flashing rates are based on a 6" (152 mm) width.

STRUCTURAL CONCRETE								
Coverage Term	Coating				Total		Warranties/Guarantees Available	
	Product (Choose one)	1st Coat (Gal/Sq) ¹	2nd Coat (Gal/Sq)	3rd Coat (Gal/Sq)	Gal/Sq	DFT* (mils)	Emerald Pledge™	Diamond Pledge™
10 Year	Premium Acrylic HydroStop® Top Coat	1.50	1.50		3.00	25	Yes	No
	High Tensile Acrylic Top Coat	1.50	1.50		3.00	25		
	Acrylic Top Coat	1.50	1.50		3.00	26		
	WOB Acrylic TopCoat®	1.50	1.50		3.00	28		
15 Year	Premium Acrylic HydroStop® Top Coat	1.50	1.50	1.00	4.00	33	Yes	No
	High Tensile Acrylic Top Coat	1.50	1.50	1.00	4.00	33		
	Acrylic Top Coat	1.50	1.50	1.00	4.00	34		
	WOB Acrylic TopCoat®	1.50	1.50	1.00	4.00	37		

* Dry Film Thickness (DFT) is rounded to nearest mil, and is theoretical. Actual DFT will vary dependent on substrate profile, application technique and waste factor.

¹A Base Coat should be used as first coat.

Note: DFT for 3-coursed rates includes 6 mils for the fabric.