



SURFACE SEAL SB QUICK SPEC

Structural Concrete (SS-5)



NOTE: The following “Quick Spec” is an abbreviated specification and is not meant to replace the detailed specification. Read the entire 3-Part CSI System Specification prior to starting the project. Non-job specific 3-Part CSI System Specifications are available at www.gaf.com.

Method Spray, roller, or brush

- Requirements**
- Moisture survey required.
 - Roof must be clean, dry, and tight.
 - Adhesion test required to ensure proper adhesion to substrate(s).
 - Apply at 40°F (5°C) and rising with no rain, dew, fog or freezing temperatures in forecast for 24 hours.
 - GAF recommends that the surface temperature be at or less than 110°F (43°C) during application.
 - Concrete must be fully cured (typically takes 28 days).

- Application Instructions**
1. Before applying Surface Seal SB, an adhesion test is required to ensure an adhesion minimum of 2.0 pounds per linear inch (PLI). Test patches to be applied with rates listed below.
 2. Conduct moisture survey to ensure concrete contains less than 8% moisture.
 3. Repair or replace damaged or deteriorated sections with like materials, allowing cementitious products to cure properly.
 4. Power wash roof to ensure it is free of dirt, debris, oil, and other contaminants that could negatively affect adhesion. United Cleaning Concentrate (UCC) is recommended to clean the roof. Allow roof to completely dry.
 5. Prime with Unitile LV Sealer.
 6. Treat structural joints with backer rod and compatible sealant, then treat with FlexSeal and Roof Mate Fabric.
 7. Control joints in excess of 1/16” (1.6mm) shall also be caulked with a compatible caulk.
 8. Treat all roof penetrations, drains, curbs, and scuppers.
 9. Apply coating per the chart below:

SEAMS & DETAILS SURFACE SEAL SB			
Treatment Type	Product	Total (Gal/Sq)	DFT* (mils)
3-Coursed Rates	FlexSeal and Fabric	4.0	48
Flashing Grade Only Rates	FlexSeal Flashing	2.0	21

STRUCTURAL CONCRETE SURFACE SEAL SB							
Warranty Term	Coating			Total		Warranty	
	1st Coat (Gal/Sq)	2nd Coat (Gal/Sq)	3rd Coat (Gal/Sq)	Gal/Sq	DFT* (mils)	Emerald Pledge	Diamond Pledge
10 Year	1.5	1.5		3.0	24	Yes	No
15 Year	1.5	1.5	1.0	4.0	32	Yes	No

* 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.

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