

SURFACE SEAL SB QUICK SPEC

METAL (SS-1)

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:

- Roof must be clean, dry and tight
- Apply at 40°F (4°C) and rising with no rain, dew, fog or freezing temperatures in forecast for 8 hours
- Adhesion test required
- Power washing required
- Rust should be removed with a wire brush prior to coating, and structural repairs should be made with like-materials as needed.

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. Tighten/replace existing fasteners. Encapsulate with appropriate flashing material.
3. Power-wash substrate to remove contaminants that could negatively affect adhesion. Allow roof to completely dry.
4. Install crickets to divert water and complete other necessary sheet metal repairs.
5. Prime per chart below.
6. Treat all roof penetrations, drains, curbs, and scuppers. (Refer to Substrate Preparation section for requirements)
7. Horizontal seams must be 3-coursed. Overlap and trapezoidal vertical seams must be treated with flashing grade only. Other vertical seams may forgo treatment **IF** the seal/tape is intact on the seam or if they are double locked. (Refer to Seam Treatment Guide for requirements)
8. Apply coating per the chart below:

CLEAN / PRIME

	Product	Rate (Gal/Sq)
Cleaner	Cleaning Concentrate (diluted)	0.5 - 0.7
Primer	Metal Roof Primer	0.33 - 0.67

SEAMS & DETAILS¹

Treatment Type	Product	Total (Gal/Sq)	Total (linear ft/gal)*	DFT* (mils)
3-Coursed Rates	FlexSeal™ and Fabric	4.00	30	48
Flashing Grade Only Rates	FlexSeal™ Flashing	2.00	100	21

Note: For other product options, please refer to our Seam Treatment Guide.

METAL

Coverage Term	Coating			Total		Warranties/Guarantees Available	
	1st Coat Gal/Sq	2nd Coat Gal/Sq	3rd Coat Gal/Sq	Gal/Sq	DFT* (mils)	Emerald Pledge™	Diamond Pledge™
10 Year	1.00	1.50		2.50	20	Yes	Yes
15 Year	1.00	1.50	1.00	3.50	28	Yes	Yes
20 Year	1.50	1.50	1.50	4.50	36	Yes	Yes

* 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.