



ROOFSHIELD® I.S. QUICK SPEC

CORRUGATED STRUCTURAL TRANSITE PANELS (RS-6)



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 via specialized RST Instant-Set Sprayer **ONLY**.

- Requirements**
- Moisture survey required.
 - Roof must be clean, dry, and tight.
 - Adhesion test required to ensure proper adhesion to substrate(s).
 - Apply at 50°F (10°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.

- Application Instructions**
1. Before applying Roofshield® I.S., an adhesion test is required to ensure an adhesion minimum of 2.0 pounds per linear inch (PLI). Test patches will be conducted with Part A only (uncatalyzed) over the primer and will be applied with enough material to embed the fabric.
 2. Conduct moisture survey and remove/replace all wet areas.
 3. 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.
 4. Prime using Epoxy Primer at the rate of 0.3 - 0.4 gal/sq.
 5. Treat transite gaps in excess of 1/16” (1.6mm) with a compatible caulk.
 6. Treat all roof penetrations, drains, curbs, and scuppers.
 7. This is a two-part product that will be applied via a specialized RST sprayer, where the product will be catalyzed as it is sprayed. Apply the catalyzed coating per the chart below:

SEAMS & DETAILS ROOFSHIELD® I.S.			
Treatment Type	Product	Total (Gal/Sq)	DFT* (mils)
3-Coursed Rates	Roof Mate Butter Grade and Fabric	4.0	43
Flashing Grade Only Rates	Roof Mate Butter Grade	2.0	19

* 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.

CORRUGATED STRUCTURAL TRANSITE PANELS ROOFSHIELD® I.S.				
Warranty Term	Coating		Warranty	
	1st Coat (Gal/Sq)	DFT* (mils)	Emerald Pledge**	Diamond Pledge
10 Year	3.0	25	Yes**	No

** Contractors must receive specialized training on the RST Spray equipment for enhanced system warranties. Contact Technical Support Services for more information.

RST Sprayer Catalyst Pressure Settings [◇] (PSI) for Different Temperature-Humidity Condition				
Choose the temperature and humidity closest to current conditions to find an initial catalyst pressure setting [◇] .		Temperature, °F		
		Hot (80°F – 100°F)	Moderate (65°F – 80°F)	Cold (50°F – 65°F)
Humidity, %	Humid (50% – 80%)	50	60	70
	Moderate (30% – 50%)	45	50	60
	Dry (15% – 30%)	40	45	50

◇ Catalyst pressure needs to be optimized based on actual ambient condition, wind speed, and elevation. For best results, conduct a spray test in current conditions to confirm appropriate catalyst settings. This chart is only intended to serve as an estimated initial starting point.

IMPORTANT NOTE: Corrugated structural transite panels may contain asbestos. Follow all applicable local, state and federal regulations concerning asbestos. Under no circumstances does GAF have any liability for any damages, costs or expenses arising out of or associated with the pre-existing presence of asbestos-containing materials or any other allegedly hazardous substances or materials upon on the roof to which the new GAF roofing materials are being applied.