

# I.S. ACRYLIC QUICK SPEC

## GRANULATED ASPHALTIC (RS-5)

**RST  
SPRAYER+**

**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](http://www.gaf.com).

### METHOD REQUIREMENTS

#### Required:

- Moisture survey required
- Remove and replace any wet areas
- Repair membrane with like materials
- Roof must be clean, dry, and tight
- Adhesion test required
- Power washing required
- Apply at 50°F (10°C) and rising with no rain, dew, fog or freezing temperatures in forecast for 8 hours
- New asphaltic membranes should be aged at least 30 days; 90+ days is ideal

#### Restrictions:

Do not apply over gravel surfaced substrates.

#### 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 will be conducted with Part A only (uncatalyzed) and should be applied with enough material to embed the fabric.
2. Power-wash substrate to remove contaminants that could negatively affect adhesion. Allow roof to completely dry.
3. Prime per chart below.
4. Treat "alligatored" areas, surface cracks, roof penetrations, drains, curbs and scuppers. (Refer to Substrate Preparation section for requirements)
5. All loose seams must be 3-coursed. All other seams must be treated with flashing grade only, no fabric required. (Refer to Seam Treatment Guide for requirements)
6. 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.
7. Apply the catalyzed coating per the chart below:

#### CLEAN / PRIME

	Product	Rate (Gal/Sq)
Cleaner	Cleaning Concentrate (diluted)	0.5 - 0.7
Primer	Bleed Block Acrylic Base Coat	1.0

#### SEAMS & DETAILS<sup>1</sup>

Treatment Type	Product	Total (Gal/Sq)	Total (linear ft/gal)*	DFT* (mils)
3-Coursed Rates	Premium Brush-Grade	4.0	30	43
	Acrylic Flashing and Fabric			
Flashing Grade Only Rates	Acrylic Butter Grade	2.0	100	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.  
 Note: For other product options, please refer to our Seam Treatment Guide.  
<sup>1</sup>Flashing rates are based on a 6" (152 mm) width.

#### RST Sprayer Catalyst Pressure Settings<sup>◇</sup> (PSI) for Different Temperature-Humidity Conditions

Choose the temperature and humidity closest to current conditions to find an initial catalyst pressure setting <sup>◇</sup> .	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

<sup>◇</sup> 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.

#### GRANULATED ASPHALTIC

Coverage Term	Coating		Warranty/Guarantee**	
	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 or guarantees. Contact Technical Support Services for more information.  
 \* For more information visit: [www.rapidsetspray.com](http://www.rapidsetspray.com)