

**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

### 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 will 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 all 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 CJ 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	Multi-Purpose Primer	0.33

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

Treatment Type	Product	Total (Gal/Sq)	Total (linear ft/gal) <sup>+</sup>	DFT* (mils)
3-Coursed Rates	Premium Brush-Grade Acrylic Flashing and Fabric	4.0	30	43
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.

### Tip Combination for CJ's Sprayer (Coating pressure range: 850 - 1000 psi & Catalyst pressure @ 100 psi)

Choose the temperature and humidity closest to current conditions to find an initial tip combinations.	Temperature, °F			
	Hot (80°F-100°F) (26°C-37°C)	Moderate (65°F-80°F) (18°C-26°C)	Cold (50°F-65°F) (10°C-18°C)	
Humidity, %	Humid (50%-80%)	561/9502 (557/9502)	561/9502 (557/9502)	561/9502 (557/9502)
	Moderate (30%-50%)	565/9502 (561/9502)	561/9502 (557/9502)	561/9502 (557/9502)
	Dry (15%-30%)	565/9502 (561/9502)	561/9502 (557/9502)	561/9502 (557/9502)

#### Note: (Coating Tip/Catalyst Tip)

Tip combination and coating pressure need to be optimized based on actual ambient condition, wind speed, elevation, and length of the spray hose. For best results, conduct a spray test in current conditions to confirm appropriate tip combinations and coating pressure settings. This chart is only intended to serve as an estimated initial starting point.

## PVC

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 CJ Spray equipment for enhanced system warranties or guarantees.

Contact Technical Support Services for more information.

\* For more information visit: [www.cjsprayrigs.com](http://www.cjsprayrigs.com).