

# UNISIL HS QUICK SPEC

## METAL (UH-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](http://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. Treat all roof penetrations, drains, curbs, and scuppers. (Refer to Substrate Preparation section for requirements)
6. If horizontal seams have gaps larger than 1/8" when pressure is applied at the lower panel add additional stitch screws and treat with flashing grade only.
7. Overlap seams must be treated with flashing grade. All other 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	Not required	

### SEAMS & DETAILS

Treatment Type	Product	Total (Gal/Sq)	Total (linear ft/gal)*	DFT* (mils)
3-Coursed Rates	Silicone Mastic and Fabric	2.50	75	45
Flashing Grade Only Rates	Silicone Mastic	4.00	50	60

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

\*Flashing rates are based on a 6" (152 mm) width.

### METAL

Coverage Term	Total		Warranties/Guarantees Available	
	Gal/Sq‡	DFT* (mils)	Emerald Pledge™	Diamond Pledge™
10 Year	1.50	23	Yes	Yes
15 Year	2.00	31	Yes	Yes
20 Year	2.50	39	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.

‡Coating may be applied in a single pass, as long as the substrate and slope conditions allow (no slumping), and the required DFT (mils) are met.