



UNISIL HS & UNISIL HS II QUICK SPEC METAL (UH-1)



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, roller, or brush

- Requirements**
- Roof must be clean, dry, and tight.
 - Adhesion test required to ensure proper adhesion to substrate(s).
 - Apply at 40°F (5°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 Unisil HS or Unisil HS II, an adhesion test is required to ensure an adhesion minimum of 2.0 pounds per linear inch (PLI). Test patches to be applied with rates listed below.
 2. Tighten and/or replace existing fasteners.
 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. Install crickets to divert water and complete other necessary sheet metal repairs.
 5. Horizontal seams must be 3-coursed with flashing grade and fabric. Overlap and trapezoidal 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.
 6. Treat all roof penetrations, skylight curbs and rake edges.
 7. Encapsulate fasteners with Unisil Silicone Flashing.
 8. Apply coating per the chart below:

SEAMS & DETAILS UNISIL HS & UNISIL HS II			
Treatment Type	Product	Total (Gal/Sq)	DFT* (mils)
3-Coursed Rates	Unisil Silicone Flashing and Fabric	2.50	44
Flashing Grade Only Rates	Unisil Silicone Flashing	1.25	19

METAL UNISIL HS & UNISIL HS II				
Warranty Term	Total		Warranty	
	Gal/Sq [‡]	DFT* (mils)	Emerald Pledge	Diamond Pledge
10 Year	1.5	23	Yes	Yes
15 Year	2.0	31	Yes	Yes
20 Year	2.5	38	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 at the maximum rate of 2.0 gal/sq per pass, as long as the substrate and slope conditions allow. Maximum slope cannot exceed 2:12.