

# UNISIL HS II QUICK SPEC (CA & FL Only)

## STRUCTURAL CONCRETE (UH II-7)

**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 (Must contain less than 8% moisture)
- Repair deteriorated sections with like materials. Allow repairs to cure properly
- Roof must be clean, dry and tight
- No rain, dew, fog, or freezing temperatures in forecast for 24 hours
- Adhesion test required
- Power washing required
- Concrete must be fully cured

#### 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 to be applied with rates listed below.
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. Treat structural joints with backer rod and compatible sealant prior to seam treatment. (Refer to Seam Treatment Guide for requirements)
6. Control Joints in excess of 1/16" (1.6 mm) shall be caulked with compatible caulk.
7. Apply coating per the chart below:

### CLEAN / PRIME

	Product	Rate (Gal/Sq)
Cleaner	UCC Cleaner (diluted)	0.5 - 0.7
Primer	Unisil Primer	0.50 - 0.67

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

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

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

### STRUCTURAL CONCRETE

Coverage Term	Total		Warranties/Guarantees Available	
	Gal/Sq‡	DFT* (mils)	Emerald Pledge™	Diamond Pledge™
10 Year	1.75	24	Yes	No
15 Year	2.25	30	Yes	No
20 Year	2.75	37	Yes	No

\* 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.

<sup>1</sup>Flashing rates are based on a 6" (152 mm) width.

‡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.