



# QUICK SPEC

## STRUCTURAL CONCRETE

### UNISIL HS

**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.

- |                                 |  |
|---------------------------------|--|
| <b>Method</b>                   | <ul style="list-style-type: none"> <li>Spray, roller, or brush</li> </ul>  |
| <b>Requirements</b>             | <ul style="list-style-type: none"> <li>Moisture survey recommended.</li> <li>Roof must be clean, dry, and tight.</li> <li>Adhesion test required to ensure proper adhesion to substrate(s).</li> <li>Apply at 40°F (5°C) and rising with no rain, dew, fog or freezing temperatures in forecast for 24 hours.</li> <li>GAF recommends that the surface temperature be at or less than 110°F (43°C) during application.</li> <li>Concrete must be fully cured (typically 28 days).</li> </ul>   |
| <b>Application Instructions</b> | <ol style="list-style-type: none"> <li>Before applying Unisil HS, an adhesion test is required to ensure an adhesion minimum of 2.0 PLI. Test patches to be applied with rates listed below.</li> <li>Conduct moisture survey and remove/replace all wet areas.</li> <li>Repair or replace damaged or deteriorated sections with like materials, allowing cementitious products to cure properly.</li> <li>Repair membrane including seams, penetrations, flashings, curbs, and terminations with like materials.</li> <li>Power-wash roof. United Cleaning Concentrate (UCC) is recommended to clean the roof. Allow the roof to completely dry.</li> <li>Prime with Unisil Primer.</li> <li>Treat expansion joints with backer rod and compatible sealant, then treat with Unisil HS and Fabric.</li> <li>Treat all roof penetrations, drains, curbs, and scuppers.</li> <li>Treat all seams.</li> <li>Apply coating per the chart below:</li> </ol> |

<b>STRUCTURAL CONCRETE UNISIL HS</b>						
<b>Warranty Term</b>	<b>Coating</b>		<b>Total</b>		<b>Warranty</b>	
	<b>1st Coat (Gal/Sq)</b>	<b>2nd Coat (Gal/Sq)</b>	<b>Gal/Sq</b>	<b>DFT* (mils)</b>	<b>Emerald Pledge™</b>	<b>Diamond Pledge™</b>
<b>10 Year</b>	0.75	1.00	1.75	27	Yes	No
<b>15 Year</b>	1.25	1.00	2.25	35	Yes	No
<b>20 Year</b>	1.50	1.25	2.75	42	Yes	No

\* DFT (Dry Film Thickness) is rounded to nearest mil and is theoretical. Actual DFT will vary dependent on substrate profile, application technique & waste factor.