



# QUICK SPEC

## STRUCTURAL CONCRETE – HYDROSTOP® PREMIUMCOAT®

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.

- Method**
- Use GAF Roof Brush to apply HydroStop® PremiumCoat® Foundation Coat
  - Spray, roller, or brush apply HydroStop® PremiumCoat® Finish Coat
- Requirements**
- Moisture survey recommended for all non-metal roofs.
  - Roof must be clean, dry, and tight.
  - Adhesion test required to ensure proper adhesion to substrate(s).
  - Apply at 50°F (10°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 105°F (40°C) during application.
  - Concrete must be fully cured (typically 28 days).
- Application Instructions**
1. Conduct moisture survey to ensure concrete contains less than 8% moisture.
  2. Repair or replace damaged or deteriorated sections with like materials, allowing cementitious products to cure properly.
  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. Prime with Epoxy Primer.
  5. Treat structural joints with backer rod and urethane or silicone sealant.
  6. Treat all roof penetrations, drains, curbs, and scuppers.
  7. Before applying the HydroStop® PremiumCoat® System, an adhesion test is required to ensure an adhesion of a minimum of 2.0 PLI. Test patches to be applied with system rates listed below.
  8. Apply HydroStop® PremiumCoat® Foundation Coat and HydroStop® PremiumCoat® Finish Coat per the chart below.

STRUCTURAL CONCRETE HYDROSTOP® PREMIUMCOAT® SYSTEM											
Warranty Term	Foundation Coat (with fabric)		Finish Coat					System		Warranty	
	Total (Gal/Sq)	DFT* (mils)	1st Coat (Gal/Sq)	2nd Coat (Gal/Sq)	3rd Coat (Gal/Sq)	Total (Gal/Sq)	DFT* (mils)	Total (Gal/Sq)	DFT* (mils)	Emerald Pledge™	Diamond Pledge™
10 Year	2.5	27	0.75	0.75		1.5	13	4.0	40	Yes	Yes
15 Year	2.5	27	1.0	1.0		2.0	17	4.5	44		
20 Year	2.5	27	1.0	1.0	1.0	3.0	25	5.5	52		
25 Year	2.5	27	1.5	1.5	1.0	4.0	33	6.5	60		

\* DFT (Dry Film Thickness) is rounded to nearest mil. Actual DFT will vary dependent on substrate profile, application technique & waste factor. Primer/Base is not included in DFT calculations.