



# ROOF MATE QUICK SPEC

## STRUCTURAL CONCRETE (RM-8)



**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](http://www.gaf.com).

**Method** Spray, roller, or brush

- Requirements**
- Moisture survey required.
  - 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 110°F (43°C) during application.
  - Concrete must be fully cured (typically takes 28 days).

- Application Instructions**
1. Before applying Roof Mate, 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. Conduct moisture survey to ensure concrete contains less than 8% moisture.
  3. Repair or replace damaged or deteriorated sections with like materials, allowing cementitious products to cure properly.
  4. 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.
  5. Prime with Epoxy Primer.
  6. Treat structural joints with backer rod and compatible sealant, then treat with Roof Mate Butter Grade Flashing and Roof Mate Fabric.
  7. Control joints in excess of 1/16” (1.6mm) shall also be caulked with a compatible caulk.
  8. Treat all roof penetrations, drains, curbs, and scuppers.
  9. Apply coating per the chart below:

SEAMS & DETAILS   ROOF MATE			
Treatment Type	Product	Total (Gal/Sq)	DFT* (mils)
3-Coursed Rates	Roof Mate Butter Grade and Fabric	4.0	43
Flashing Grade Only Rates	Roof Mate Butter Grade	2.0	19

STRUCTURAL CONCRETE ROOF MATE								
Warranty Term	Coating				Total		Warranty	
	Product (Choose one)	1st Coat (Gal/Sq)	2nd Coat (Gal/Sq)	3rd Coat (Gal/Sq)	Gal/Sq	DFT* (mils)	Emerald Pledge	Diamond Pledge
10 Year	Roof Mate & QS	1.5	1.5		3.0	26	Yes	No
	Roof Mate HT	1.5	1.5		3.0	25		
	Roof Mate TCM	1.5	1.5		3.0	28		
15 Year	Roof Mate & QS	1.5	1.5	1.0	4.0	34	Yes	No
	Roof Mate HT	1.5	1.5	1.0	4.0	33		
	Roof Mate TCM	1.5	1.5	1.0	4.0	37		

\* 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.