



QUICK SPEC

POLYURETHANE FOAM - DIATHON®

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**
 - 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.

- Application Instructions**
 1. Before applying Diathon®, an adhesion test is required to ensure an adhesion minimum of 2.0 PLI. Test patches to be applied with rates listed below.
 2. Conduct moisture survey and remove/replace all wet areas.
 3. Repair penetrations, flashings, curbs, and terminations with like materials.
 4. Power-wash roof. United Cleaning Concentrate (UCC) is recommended to clean the roof. Allow roof to completely dry.
 5. For recoat applications: Treat all splits, roof penetrations, drains, and curbs.
 6. Apply coating per the chart below:

POLYURETHANE FOAM DIATHON®										
	Base coat		Coating				Total		Warranty	
	Product	Base (Gal/Sq)	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	Diathon® Base	1.50	Diathon® Diathon®QS	1.50	1.00		4.00	34	Yes	No
			Diathon® HT	1.50	1.00		4.00	33		
15 Year	Diathon® Base	1.50	Diathon® Diathon®QS	1.50	1.00	1.00	5.00	43	Yes	No
			Diathon® HT	1.50	1.00	1.00	5.00	42		
20 Year	Diathon® Base	1.50	Diathon® Diathon®QS	1.50	1.50	1.50	6.00	51	Yes	No
			Diathon® HT	1.50	1.50	1.50	6.00	50		

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