



# Roof Mate™ Fabric

## Technical Data Sheet



### PRODUCT DESCRIPTION

**United Coatings™ Roof Mate™ Fabric** is stitch-bonded polyester fabric designed for reinforcement of **United Coatings™ Roof Mate™ Coatings** in roofing and flashing applications of all types. It increases the long-term strength of the system, allowing the stresses of normal building movement to be spread over a wider area. **Roof Mate™ Fabric** offers a combination of high-strength properties and good elongation for excellent thermal stress resistance. The fabric is very pliable and is designed to conform to irregular and dissimilar surfaces more easily than other soft fabrics. **Roof Mate™ Fabric** has high absorption capability, allowing it to easily wet into and become encapsulated by the acrylic coating, forming tough, waterproof details or overall reinforcement.

### PACKAGING

**United Coatings™ Roof Mate Fabric** is available in 4" (102 mm), 6" (152 mm), 12" (305 cm), and 40" (1016 mm) width by 324' (99 m) length rolls.

**GAF**  
1 Campus Drive  
Parsippany, NJ 07054  
1-800-ROOF-411  
gaf.com

*GAF Liquid-Applied*

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For technical, system, and warranty information, visit [gaf.com](http://gaf.com) or call 1-800-766-3411.

### BASIC USES & ADVANTAGES

**United Coatings™ Roof Mate™ Fabric** is designed to reinforce large roof areas that are heavily alligatored or contain numerous cracks, seams, joints, or splits. It can be applied to asphaltic roofing, metal, concrete, wood, Hypalon®, and SPF substrates. **Roof Mate™ Fabric** was designed for use with **United Coatings™ Roof Mate™ Base Coat** to reinforce flashing details, roof penetrations, and seams.

#### Advantages:

- 100% polyester reinforcement for penetrations
- Easily conforms around penetrations
- Improves strength while maintaining flexibility

### PHYSICAL PROPERTIES

UNITED COATINGS™ ROOF MATE™ FABRIC	
Weight	3 oz. per square yard [ASTM D3776]
Mullen Burst Strength	144 lbs./inch <sup>2</sup> (992.8 kPa) [ASTM D3786]
Tear Strength (Trapezoid)	16 lbf length, 24 lbf width [ASTM D5733]
Application Temperature	Refer to limitations of Roof Mate™ Top Coat

Breaking Force (1" [25 mm] cut strip)	42 lbf length, 0.27 lbf width [ASTM D5035]
Elongation at Break (1" [25 mm] cut strip)	28% length, 61% width [ASTM D5035]

### APPLICATION INSTRUCTIONS

**Substrate Preparation:** As a minimum, clean and prepare existing surfaces to receive **United Coatings™ Roof Mate™ Coatings** by removing all loose and flaking particles, grease, and laitance with the use of a stiff bristle push broom and or washing. Care should be taken not to inject water into the substrate during washing. In some cases, additional drying time may be required after the cleaning process.

**Application:** **United Coatings™ Roof Mate™ Fabric** should be installed as required after application of any primers or caulk, and prior to application of the coating on the field of the roof. Cut the fabric to the desired length. Slit the bottom half of fabric used around vent pipes and other circular protrusions so that it lies flat. Immediately embed fabric into wet coating and work it with a brush so that it is saturated with coating. All reinforcement fabric shall be 100% adhered to the substrate, with no tenting or air pockets.

**Roof Mate™ Fabric** is embedded into a wet base coat of **United Coatings™ Roof Mate™ Top Coat**, **United Coatings™ Roof Mate™ Base Coat**, **United Coatings™ Roofshield® Coating**, or other elastomeric base coat applied at 1 – 2 gallons/100 ft<sup>2</sup> (4.1 – 8.2 L/10 m<sup>2</sup>), depend-

ing on the surface profile. This should produce a 6 – 14" (152 – 356 mm) wide strip-coat of coating at a 15 – 20 mils (0.38 – 0.51 mm) thickness over areas to be treated. The fabric is worked into the base coat with a broom or roller so that it is completely saturated. It is then top-coated with additional coating at 1 – 1.5 gallons/100 ft<sup>2</sup> (4.1 – 6.1 L/10 m<sup>2</sup>) to totally encapsulate the fabric covering the fabric at a 15 – 20 mils thickness. Overlap edges of fabric a minimum of 2" (51 mm) on each edge.

**UniBase Application:** If using **UniBase Primer** to encapsulate the **Roof Mate™ Fabric**, it is applied at the rate of 2 – 4 gallons/100 ft<sup>2</sup> (8.2 – 16.3 L/10 m<sup>2</sup>), by airless spray or roller, from the top side of the fabric. Distribute the **UniBase Primer** evenly throughout the fabric using a roof brush, eliminating any wrinkles, gaps, or air pockets.

**Metal Fasteners Application:** **Roof Mate™ Fabric** shall be X'd or heat-melted when applied over fastener heads on metal roofs so that it lies flat.

**For Application Questions:** Contact GAF Technical Services at 1-800-766-3411 or visit [gaf.com](http://gaf.com).

**Applicable Standards:** ASTM D3776, ASTM D3786, ASTM D5733, ASTM D5035

### SAFETY & HANDLING

Keep **United Coatings™ Roof Mate™ Fabric** in a clean, dry location. For specific information regarding safe handling of this material, please refer to the Safety Data Sheet (SDS).

See applicable warranties and guarantees for complete coverage and restrictions.