



Roof Mate Liquid Fabric

Product Data Sheet | Formerly TOPCOAT® Flashing - Liquid Fabric

PRODUCT DESCRIPTION

United Coatings™ Roof Mate Liquid Fabric is a high-strength, water-based, acrylic flexible liquid fabric seam sealer that does not require reinforcing fabric on properly fastened horizontal seams of metal roofs – therefore significantly less labor than the typical “3 course” method. This product can be used to seal properly fastened horizontal seams on metal roofs without the use of flashing fabric when horizontal seams are properly secured as per product application specifications.

PACKAGING & SHELF LIFE

5-gallon (18.9 liter) pail
55-gallon (208 liter) drum

Shelf Life: 12 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area at 50°F – 80°F (10°C – 26.7°C). Storage outside this temperature range may shorten shelf life. Keep containers covered when not in use. Do not allow material to freeze.

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

GAF Liquid-Applied

August 2016, supersedes January 2016

For technical, system, and warranty information, visit gaf.com or call 1-800-766-3411.

BASIC USES & ADVANTAGES

United Coatings™ Roof Mate Liquid Fabric is designed for use on metal, wood, and concrete to provide a strong flexible seal that will not become brittle. Do not apply at temperatures below 45°F (7.2°C). Substrate temperatures must be below 120°F (48.9°C) when applying product.

Advantages:

- Strong; forms a flexible seal that will not become brittle
- Flexible; will expand and contract with metal roof
- A time saver! Reduces horizontal seam labor up to 50%
- Ideal for properly fastened horizontal seams on metal roofs

PHYSICAL PROPERTIES

ROOF MATE LIQUID FABRIC	
Application Rate:	5 gallons /125 lineal ft. of seam (6" width) (18.9 liters / 38.1 lineal m of seam [152 mm width])
Application Method:	Roller, brush or airless sprayer
Application Temp (air, surface):	45° – 120°F (7.2°C – 48.9°C)
Drying Time (75°F, 50% RH):	Approximately 24 hours
Wet Mil Thickness:	105 wet mils (2.67 mm)
Dry Mil Thickness:	60 dry mils (1.52 mm)

Total Solids (by weight):	71.7% ± 2%
Total Solids (by volume):	55% ± 2%
Specific Gravity:	1.35 ± 0.1
Weight per Gallon:	11.3 ± 0.5 lb (5.13 ± 0.2 kg)
Elongation	700%
Viscosity (75°F)	130,000 ± 15,000 cps
Tensile Strength	225 psi ± 10%



APPLICATION INSTRUCTIONS

Substrate Preparation: Roof must have positive drainage with no moisture trapped in the roof membrane. Roof substrate must be clean, completely dry, and free from any foreign matter. Pressure wash to remove all dust and debris, and allow to dry. Examine substrate to receive new roofing and conduct test patches to verify adhesion of coating prior to start of work. Check for any damaged roof membranes including all flashings and penetrations and repair as needed.

Mixing: Roof Mate Liquid Fabric is a ready-to-use material; however, some settling of material may have occurred during shipment and storage. Mix prior to use with a ¼ horsepower or larger mixer with a blade capable of uniformly mixing the entire container. For 5-gallon (18.9 liter) pails, use 3" (76 mm) minimum diameter mixing blades. For 55-gallon (208 liter) drums, use 6" (152 mm) minimum diameter mixing blades.

Application: Apply when temperatures are above 45°F (7.2°C). Apply product with a roller, roofing brush, or airless sprayer, covering the surface at an even rate. For spray

application, use an airless spray pump with a minimum 2 gallons-per-minute (7.6 L/ min) output and a minimum 3,000 psi (20,685 kPa) pressure capability. Use a reversible, self-cleaning tip with an orifice size of 0.033" (0.84 mm). Allow each coat to fully dry before applying next coat. Each coat shall be applied in a direction perpendicular to the previous coat. Apply at a rate of 5 gallons per 125 lineal feet (18.9 L /38.1 lm). Total gallons (liters) per square depends on roof surface and specifications. Granular and coarse surfaces will require more coating than smooth surfaces to achieve desired dry mil thickness.

Note: Repair leaks promptly to avoid adverse effects, including mold growth.

For Application Questions: Contact GAF Technical Services at 1-800-766-3411 or visit gaf.com.

Applicable Standards: ASTM D412, ASTM G21, ASTM D2196, ASTM D1475, ASTM E1644, FTMS141.6271



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LIMITATIONS & PRECAUTIONS

Store in well-ventilated area at 50°F to 80°F (10°C - 26.7°C). Protect from freezing.

SAFETY & HANDLING

For specific information regarding safe handling of this material, please refer to OSHA guidelines and product Safety Data Sheet (SDS).

CLEAN-UP

Clean equipment and overspray with water before curing. If coating has hardened, clean with mineral spirits or biodegradable turpentine solvent. Clean hands with soap and water or waterless hand cleaner.

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See applicable warranties and guarantees for complete coverage and restrictions.