

Roof Mate Spray Grade Flashing Product Data Sheet

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North America's Largest Roofing Manufacturer!™*



Roof Mate Spray Grade Flashing

Product Data Sheet | Formerly TOPCOAT® Flashing - Spray Grade

PRODUCT DESCRIPTION

United Coatings™ Roof Mate Spray Grade Flashing is a sprayable acrylic flashing grade material that provides a seal along seams and around fasteners on metal roofs and counter-flashings. **Roof Mate Spray Grade Flashing** has excellent adhesion, flexibility, and resistance to ultraviolet degradation, and contains biocides that provide good mildew resistance. **Roof Mate Spray Grade Flashing** has a unique formula that enables it to be either spray or brush applied.

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.

BASIC USES & ADVANTAGES

United Coatings™ Roof Mate Spray Grade Flashing is designed for use on metal, wood, and concrete. Provides a seal along seams and around fasteners on metal roofs, and excellent sealing around curbs and counterflashings. 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:

- A synthetic rubber sealant that cures in the ultraviolet rays of the sun
- Water based
- Can be used in conjunction with flashing fabric to provide a superior seam
- Strong; forms a flexible seal that will not become brittle
- Flexible; will expand and contract with metal roof
- Free from plasticizers and oils that will migrate out over time
- Required for joints, seams, penetrations, and fastener heads
- Applied with a roller, brush, or airless sprayer

PHYSICAL PROPERTIES

ROOF MATE SPRAY GRADE FLASHING	
Application Rate	5 gallons /125 lineal ft. of seam (6" width) (18.9 L /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):	68% ± 1%
Total Solids (by volume)	56% ± 2%
Specific Gravity	1.44 ± 0.1
Weight per Gallon	12.0 ± 0.5 lb (5.44 ± 0.2 kg)
Viscosity (75°F)	140,000 ± 14,000 cps
Tensile Strength	225 psi ± 10%



APPLICATION INSTRUCTIONS

Substrate Preparation: Roof must have positive drainage with no moisture trapped in the roof membrane. For non-metal roofs, GAF requires a moisture scan be performed by an independent source prior to issuance of a GAF guarantee.* 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 Spray Grade Flashing** is a ready-to-use material; however, some settling of material may have occurred during shipment and storage. Mix prior to use with a ¾ 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 3 gallons-per-minute (11.4 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 per 38.1 m). 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 D2196, ASTM D1475, and ASTM E1644

GAF Liquid-Applied

August 2016, supercedes January 2016

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

continued on next page



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Page 2 of 2

LIMITATIONS & PRECAUTIONS

Store in well-ventilated area at 50°F – 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.

GAF

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

**See applicable warranties and guarantees for complete coverage and restrictions.*