



Roof Mate WOB Coating

Product Data Sheet | Formerly TOPCOAT® Membrane WOB

PRODUCT DESCRIPTION

United Coatings™ Roof Mate WOB Coating (without biocide) is a water-based, brush, roll, or spray-applied coating that cures to form a seamless rubber membrane that covers the entire roof.

WARRANTY

See applicable warranties and guarantees for complete coverage and restrictions.

PACKAGING & SHELF LIFE

5 gallon (18.9 liter) pail
54 gallon (204 liter) drum

Shelf life 12 months if unopened containers stored between 50°F and 80°F. Protect from freezing.

BASIC USES

United Coatings™ Roof Mate WOB Coating offers high tensile strength, elongation, and resistance to extended exposure to solar ultraviolet energy. It is low in VOC, non-flammable, and presents minimal hazard to the applicator. Do not apply in temperatures under 42°F.

United Coatings™ Roof Mate WOB Coating White is included on the list of approved potable water catchment coatings by the Bermuda Department of Health.

United Coatings™ Roof Mate WOB Coating White has been tested and certified by the NSF International as an approved potable water catchment coating that complies with requirements of "NSF Protocol for Health Effects of Rainwater Catchment System Components dated August 1, 1995."

The ingredients of United Coatings™ Roof Mate WOB Coating White are listed by the U.S. Food and Drug Administration.

PHYSICAL PROPERTIES

ROOF MATE WOB COATING	
Application Rate	1.0 to 1.75 gallons/100 ft² per coat
Application Method	Airless sprayer, stiff brush, or roller
Application Temp (air, surface)	42° - 120°F
Drying Time (75°F, 50% RH)	Approximately 24 hours per coat
Total Solids (by weight)	71% ± 3%
Total Solids (by volume)	58% ± 2%
Specific Gravity:	1.50 ± 0.1
Weight per Gallon:	12.5 ± 0.5 lbs.
Viscosity (75°F)	19,000 ± 3,000 cps
pH	10.0 ± 1.0

Elongation	375% ± 25%
Tensile Strength	275% ± 25 psi
Low Temperature Flexibility	35 mil dry 1m will bend 180° @ -30°F without fracturing
Weatherability	<ul style="list-style-type: none"> 1,000 hours Atlas Weatherometer® exposure per ASTM G26 Tensile Strength: 150% of original Elongation: 85% of original 2,000 hours Atlas Weatherometer® exposure per ASTM G26 No cracking, embrittlement, loss of adhesion, or discoloration 6,000 hours QUV® exposure, type UVB bulb, per ASTM G53 No cracking, embrittlement, loss of adhesion, or discoloration



APPLICATION INSTRUCTIONS

ROOF 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 WOB Coating 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 (19 liter) pails, use 3" (76 mm) minimum diameter mixing blades. For 55-gallon (208 liter) drums, use 6" (151 mm) minimum diameter mixing blades.

APPLICATION: Apply when temperatures are above 45°F (5.5°C). Apply product with a roller, roofing brush, or 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 .033" (.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 1.0 – 1.75 gal/100 sq. ft. (3.8 – 6.6 liter/9.3 m2) per coat. 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.

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

GAF Liquid-Applied

January 2016, superseded April 2018

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

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LIMITATIONS & PRECAUTIONS

Store in well-ventilated area at 50°F to 80°F. 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-Up: Water and mild soap while wet.

GAF

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gaf.com