

TopCoat® Membrane

Information Sheet

Updated: 6/07



*Quality You Can Trust Since 1886...
From North America's Largest Roofing Manufacturer™*



TOPCOAT® ELASTOMERIC ROOFING MEMBRANE

Description

TOPCOAT® Elastomeric Roofing Membrane is a water-based, spray-applied liquid, which cures to form a seamless rubber membrane specially designed to seal the entire roof. TOPCOAT® is an ENERGY STAR® qualified reflective product that will help to reduce building temperatures. TOPCOAT® is listed by the Cool Roof Rating CouncilSM for solar reflectance and thermal emittance. It offers high tensile strength and elongation, and is virtually undamaged by extended exposure to solar ultraviolet energy. Ultraviolet rays enhance curing. It is low in VOC, non-flammable and presents minimal hazard to the applicator and the environment. It is available in white (for maximum reflectivity) and 15 standard colors. Custom tinting is available upon request.

Uses

TOPCOAT® Elastomeric Roofing Membrane is designed to protect and waterproof metal, wood, copper, PVC, transite and concrete roof substrates for many years. Substrate shall not pond water for a period longer than 48 hours. Surface must be free of ponding water, ice, snow and debris prior to application. Do not apply at temperatures below 42°F. Substrate temperatures must be below 120°F when applying product.

Advantages

- ENERGY STAR® qualified reflectivity can dramatically decrease building temperatures
- Highly reflective and listed by the Cool Roof Rating CouncilSM for solar reflectance and thermal emittance
- California Title 24 Compliant

- Offers high tensile strength and elongation, and is virtually undamaged by extended exposure to solar ultraviolet energy
- Low VOC, non-flammable and presents minimal hazard to the applicator or the environment
- Cures and becomes stronger under the sun's ultraviolet rays
- Water-based for superior protection and easy application
- Is available in white (for maximum reflectivity) and 15 standard colors (custom tinting is available upon request)
- Warranties available for up to 10 years*
- Guarantees available for up to 20 years*
- Is available in 1-gallon, 5-gallon and 55-gallon containers in addition to bulk totes

For application questions, please contact GAFMC Contractor Services at 1-800-766-3411.

Applicable Standards

ASTM D-1653, ASTM D-412, ASTM G-26, ASTM G-29, ASTM B-117, ASTM C-794, ASTM G-21, FTMS 141.6271, FTMS 141.6221, ASTM D-2243-90, ASTM D-2196, ASTM D-2240, ASTM D-2794, ASTM D-1475, ASTM E-1644, ASTM D-2697, ASTM E-470, ASTM G-53, ASTM D-6083

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

*See warranties and guarantees for complete coverage and restrictions.

TOPCOAT® ELASTOMETRIC ROOFING MEMBRANE TECHNICAL DATA

Application Rate:	1.0 to 3.0 gallons/100 sq.ft. total
Application Method:	Airless sprayer, brush or roller
Application Temp (air, surface):	42° – 120°F
Drying Time (75°F, 50% RH):	Approximately 24 hours per coat
Wet Mil Thickness:	(1.0 Gallon/100SF) – 16 wet mils
Dry Mil Thickness:	(1.0 Gallon/100SF) – 9 to 10 dry mils
Total Solids (by weight):	71% ± 3%
Total Solids (by volume):	58% ± 2%
Specific Gravity:	1.48 ± 0.06
Weight per Gallon:	12.3 ± 0.5 lbs
Viscosity (75°F):	19,000 ± 3,000 cps
pH:	10.0 ± 1.0
Elongation:	375% ± 25%
Tensile Strength:	275 ± 25 psi
Water Permeability:	5.28 perm inch (ASTM D-1653)
Freeze-Thaw Stability:	Passes five (5) cycles
Low Temp Flexibility:	35 mil dry film will bend 180° @ -30°F without fracturing
Weatherability :	1,000 hours Atlas Weather-o-meter® exposure per ASTM D-412, ASTM G-26 Tensile Strength: 150% of original Elongation: 85% of original 1,500 hours Atlas Weather-o-meter® exposure per ASTM D-412, ASTM G-26 No cracking, embrittlement, loss of adhesion or discoloration 2,000 hours UV exposure, type UV bulb, per ASTM G-53 No cracking, embrittlement, loss of adhesion or discoloration
Storage:	Store in well-ventilated area at 50°F to 80°F; protect from freezing
Shelf Life:	1 Year
Clean-up:	Water and mild soap before curing



For further information, contact
GAF Contractor Services at:
1-800-766-3411 or visit www.gaf.com
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Title 24
Compliant

