



Tremlite Coating

A Highly Reflective, Restorative Coating for Metal Roof Systems

Composition: Tremlite Coating is a 100% acrylic resin elastomeric weatherproofing coating which provides durability, low temperature flexibility, and excellent resistance to weathering and dirt pickup. Tremlite Coating is asbestos free and VOC compliant.

Basic Uses: Tremlite Coating provides a reflective monolithic film that accommodates metal roof movement while reducing surface temperature. Tremlite Coating can be applied direct to prepared metal or to surfaces primed with Tremlite Metal Primer WB.

Tremlite Coating is certified as a coating for low slope roofs under the ENERGY STAR Roof Products program of the U.S. Environmental Protection Agency.

Limitations:

- Not intended for use over Kynar or other PVDF resin coatings.
- Substrate must be clean and free of dirt, dust, or other contaminants. Not intended for use in ponded areas.
- Do not apply unless temperatures are at least 10°C (50°F) and rising. Do not apply if temperatures are expected to drop below 10°C (50°F) within 48 hours of application.
- Do not apply to wet surfaces. Do not apply unless the ambient and surface temperatures are at least 5°F above the dew point.

- Do not apply when freezing temperatures are expected within 72 hours after application.
- Do not apply if rain is expected within 12 hours. If temperatures drop below 15°C (60°F), do not apply if rain is expected within 24 hours.
- Store containers at temperatures above 0°C (32°F). Do not allow containers to freeze. Store containers indoors in a heated area.

Grade: Brush/roller/spray. Spray application is recommended to ensure an even film with optimum performance.

Color: White.

Packaging: Available in 19L (5 gallon) and 200L (53 gallon) lined containers.

Storage Life: Up to one year in an unopened container.

EQUIPMENT

Airless Spray Equipment: Use a 9.5 mm (3/8") minimum I.D. fluid hose rated for airless operation, Graco 30:1 ratio Bulldog or President pump, or equivalent, and 0.031" to 0.035" reversible spray tip at 2,400 psi (16,550 kPa) minimum.

APPLICATION DATA

Surface Preparation: Surface must be sound, clean, dry and free from dust, oil and other contaminants. Rust and loose paint must be wire brushed, scraped, or sanded down to a sound surface. Power wash surface at 2,000 psi minimum to remove oil, dirt, grease, chalking, loose rust, scale and loose paint.

Immediately after surface preparation, rusted areas must be spot primed with Tremlite Metal Primer WB. Refer to Tremlite Metal Primer WB Spec Data page for further information.

New galvanized panels must weather a minimum 6 months or be treated with phosphoric acid in order to allow for proper adhesion to the metal substrate.

Metal lap seams which require additional reinforcement should be treated with a waterbased mastic and polyester reinforcement, such as Tremlite Mastic and Tremlite Polyester. Tremlite Polytape can also be used on metal overlaps,

Product Advantages	
Features	Benefits
Highly elastomeric	<ul style="list-style-type: none"> • Capable of accommodating thermally induced building movement without cracking
Reflective 	<ul style="list-style-type: none"> • Reduced cooling cost • Energy Star Certified
Tough	<ul style="list-style-type: none"> • Slow surface wear • Long coating life
UL Classified 	<ul style="list-style-type: none"> • Weather resistant • Fire Protection



provided it is coated immediately with Tremlite Coating.

Allow all preparatory work to fully cure prior to application of Tremlite Coating.

Application: Mix each container thoroughly prior to application. Apply Tremlite Coating by brush, roller or spray. Two coats are recommended. Allow initial coat to fully dry prior to application of second coat. When spray is applied, take necessary precaution to avoid overspray,

Coverage Rate: Apply Tremlite Coating to prepared surface in 2 coats at a rate of 0.4 L/m² (1 gallon/100 sq. ft.) per coat. Spray applications may be applied at 0.3 L/m (3/4 gallon/sq) per coat in two coats.

Clean Up: Soap and water.

Precautions: Use Tremlite Coating with adequate ventilation. Users must read and follow container labels and Material Safety Data Sheets for instructions for health and safety precautions prior to and during use.

Availability and Cost: Contact your local Tremco Roofing Representative for pricing and availability. For the name and number of your Representative, call the Roofing Division at 416/421-3300 or 800/263-6046 or in the U.S. at 216/292-5000 or 800/852-6013.

Maintenance: Your local Tremco Roofing Representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

Guarantee/Warranty: Tremco Inc. warrants Tremlite Coating to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any Tremlite Coating that is proved to be defective when applied in accordance with Tremco's written instructions, and in applications recommended by Tremco as suitable for this product will be replaced with like product at no charge. THIS IS BUYERS SOLE AND EXCLUSIVE REMEDY.

All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product. This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Technical Services: Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique

Physical Performance Characteristics

Tremlite Coating

Property	Typical Value	Test Method
Density @ 25°C (77°F)	1380 kg/m ³ (11.5 lb/gal)	ASTM D 1475-85
Solids by weight	64%	ASTM D 1353-92
Elongation @ 25°C (77°F)	475%	ASTM D 2370-92
Flexibility @ 0°C (0°F)	passes 1/8" mandrel	ASTM D 1737
Tensile Strength @ 25°C (77°F)	1310 kPa (190 psi)	ASTM D 2370-92
Hardness (Shore A)	63	ASTM D 2240-91
Dry Time	6 hours	ASTM D 1640-89
Reflectivity	84%	ASTM E 903-96

reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service Staff.

Statement of Policy and Responsibility:

Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself or its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure or any components below the building structure on which its products may be applied. If questions arise as to the soundness of a structure, its ability to support a planned installation properly, or whether material below the structure will be disturbed, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability for any failure of the structure or material below the structure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

An RPM Company

3735 Green Road
Beachwood, OH 44122
216-292-5000

220 Wicksteed Ave
Toronto, ONT M4H 1G7
416-421-3300

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