

Tremlite Epoxy Rust Coat Low Odor

A Heavy Duty Multi-Functional Primer/Coating for Metal Surfaces

Composition: Tremlite Epoxy Rust Coat Low Odor is a two-component, epoxy primer/coating with leafing aluminum pigments, and rust inhibitors. Tremlite Epoxy Rust Coat Low Odor is asbestos free and VOC compliant.

Basic Uses: Tremlite Epoxy Rust Coat Low Odor is designed for use on rusted or factory coated steel or galvanized metal surfaces. It is recommended for application in a two coat system to provide a long lasting, corrosion resistant surface coating for metal roofs. Tremlite Epoxy Rust Coat Low Odor can be used as a coating primer over marginally prepared surfaces provided existing coatings are well adhered. Contact your local Tremco Representative for further information.

Limitations:

- Surface must be free of loose rust, coatings, dirt, oils and other contaminants which would inhibit good adhesion.
- Not recommended for immersion service in acids, alkalis, or solvents, though intermittent contact may be acceptable. Contact your local Tremco Representative for chemical resistance information.
- Not recommended for use over Kynar or other PVDF resin coatings.
- Do not apply when surface temperature is less than 5°F (3°C) above the dew point.

- Do not apply when rain is expected within the cure time.

Trial Area: Your Tremco Representative may suggest a trial area which will allow you to evaluate one or more Tremco systems under actual field conditions.

Grade: Spray/brush/roll. To obtain maximum pigment leafing, spraying is the preferred method.

Packaging: Available in 2 gallon and 10 gallon kits.

Color: Aluminum.

Storage Life: Two years when stored indoors at 75°F (24°C).

EQUIPMENT

Airless Spray Equipment: Use a 3/8" minimum I.D. fluid hose rated for airless operation, 30:1 ratio pump, 0.021" to 0.025" spray tip at 2,400 psi minimum, and a 60 mesh filter.

APPLICATION DATA

Surface Preparation: Coating performance is affected by proper product selection, application, and surface preparation. Coating integrity and service life will be reduced because of improperly prepared surfaces. Proper surface preparation ensures coating adhesion to the substrate.

Procedure:

1. Wire brush loose rust from roof surface. Power tool cleaning is preferred but hand tool cleaning is acceptable.
2. Remove any oil or grease from the surface by either high pressure water blast incorporating a biodegradable detergent or TSP, or the use of clean rags soaked in approved solvent. (SSPC*-SP1).
3. Brush-Off Blast Clean according to SSPC-SP7.
4. Power wash roof surface with an industrial grade detergent. Allow to dry.

* Steel Structure Painting Council

Mixing: Power mix each component separately until uniform, then combine equal volumes of Part A and Part B in a separate container and power mix for 5 minutes minimum.

Thinning: Tremlite Epoxy Rust Coat Low Odor may be thinned to improve sprayability if required. Thin up to 32 oz/gal (25%) with xylene. Do not use other thinners. The use of thinners other than those recommended by Tremco may adversely affect product performance and will void the product warranty.

Product Advantages	
Features	Benefits
Marginal surface preparation	• Reduces labor costs
Epoxy resin	• Excellent chemical resistance
Excellent adhesion to most metals & generic coatings	• Versatile; can be used on a variety of surfaces
Rust inhibitive	• Penetrates, bonds, and stops existing rust preserving metal integrity
Aluminum flake pigments	• Ultraviolet light screen to increase coating life, and provide an attractive, reflective surface
Very low moisture vapor transmission rate.	• Locks out air and moisture to prevent or retard rusting



Roofing & Weatherproofing Peace of Mind™

Pot life: Two hours at 77°F (25°C). At 90°F (32°C) pot life will be reduced to approximately 1 hour. At lower temperatures pot life will be extended and cure times will increase accordingly. Pot life ends when coating becomes too viscous to use.

Application temperatures: Tremlite Epoxy Rust Coat Low Odor can be applied between ambient temperatures of 50°F to 100°F (10°C to 38°C). Do not apply when surface temperature is less than 5°F (3°C) above dew point.

	Material	Surface	Ambient	Humidity
Normal	65-85°F (18-29°C)	65-85°F (18-29°C)	65-85°F (18-29°C)	35-80%
Minimum	50°F (10°C)	50°F (10°C)	50°F (10°C)	0%
Maximum	90°F (32°C)	130°F (54°C)	100°F (38°C)	95%

Recoat Time: Allow first coat to fully cure prior to applying second coat. See chart below for minimum time before applying second coat. As ambient temperature cools, longer cure time will be required. Maximum time allowed prior to recoat is 30 days at 77°F (25°C) after which time Brush-Off Blast Cleaning will be required according to SSPC-SP 7.

Surface Temperature	Minimum Time Between Coats
50°F (10°C)	5 days
60°F (16°C)	3 days
75°F (24°C)	24 hours
90°F (32°C)	18 hours

Coverage Rate: Spray or brush at approximately 250-300 ft²/gal. (6.1-7.3 m²/L) per coat. Two coats are specified for metal roof applications.

Clean up: Toluene

Precautions: Users must read container labels and Material Safety Data Sheets for health and safety precautions prior to use.

Availability and Cost: Contact your local Tremco Representative for pricing and availability. For the name and number of your representative call the Roofing Division at 216/292-5000.

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 preventive maintenance are all part of a sound roof program.

Guarantee/Warranty: Tremco Inc. warrants Tremlite Epoxy Rust Coat Low Odor to be free of defects and to meet published physical properties when cured and tested according to ASTM and Tremco standards. Under this warranty, any Tremlite Epoxy Rust Coat Low Odor that is proven to be defective when applied in accordance to our 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.

Physical Performance Characteristics

Tremlite Epoxy Rust Coat Low Odor

Property	Typical Value	Test Method
Asbestos content	None	ASTM D 276-87 (1999)
Volatile organic 3960-98 compound, mixed (less water, less exempt solvents)	87 g/L (mixed)	ASTM D
Adhesion to primer	5A (no peeling)	ASTM D 3359-97
Adhesion to galvanized steel	5A (no peeling)	ASTM D 3359-97
Weathering resistance	No. 2 (excellent)	ASTM D 4214-98
Rust resistance, 1000 h [salt spray (fog) test]	10 (no rusting)	ASTM D 610-95 ASTM B 117-97
Density @ 77°F	10.4 lb/gal (1246 kg/m ³)	ASTM D 1475-96

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 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 nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability for any structural failure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

TREMCO

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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