

TremPro™ Siliconized Elastomeric Roof Coating

Premium siliconized acrylic elastomeric roof coating

FEATURES

Quick dry time

Highly Reflective (White)

Premium Formula

Flexible

BENEFITS

- Fast weatherproofing protection
- Helps lower rooftop temperatures and provide potential energy savings
- Ultimate adhesion to multiple roof surfaces and protection for extreme weather conditions
- Minimize surface cracking

DESCRIPTION

TremPro Siliconized Elastomeric Roof Coating is an acrylic elastomeric roof coating formulated to meet and/or exceed the standards as established in ASTM D 6083 - Standard Specification for Liquid Applied Acrylic Coating Used in Roofing.

BASIC USES

TremPro Siliconized Elastomeric Roof Coating waterproofs and weatherproofs a variety of roofing substrates including asphalt-based smooth BUR, metal, modified bitumen, and weathered single ply membranes.

PACKAGING

1 GL, 5 GL

COLOR

White

GRADE

Brush, Roller, Spray

STORAGE

12 months shelf life in unopened containers when properly stored.

DO NOT FREEZE

Recommended storage is indoors in a ventilated, dry area removed from heat, open flame, ignition sources, and direct sunlight. Storage temperatures should range from 60-70°F (15-21°C) and must not drop below 32°F (0°C) or exceed 110°F (43°C).

On the job site, materials should remain on the pallet until use and be stored in a shaded, ventilated area. Materials should be covered with a light-colored, reflective tarp for protection against the elements. Allow for adequate air flow inside the pallets.

Shelf life could be affected if the product is not stored properly.

APPLICATION

Surface Preparation: Surface must be clean, dry, in sound condition, and free of dirt, debris, and contaminants. Rust must be abraded until it no longer exhibits flaking or chalking. Wet insulation must be identified and replaced. Deficient areas of existing system must be repaired. All repairs should be made with like materials matching the existing components and allowed to properly cure prior to application of liquid-applied products.

If the surface has a pre-existing coating or sealant, please contact Tremco Roofing for adhesion/compatibility testing and surface preparation recommendations.

Mixing:

Pails: Use a heavy duty corded power drill with Jiffy Mixer mixing blade. Mix until product is consistent in appearance and viscosity. Do not thin.

Drums: Use industrial drum mixing equipment to mechanically mix each container. Mix

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APPLICATION CONTINUED

ROOF SUBSTRATES/ SURFACES APPLICATION

COVERAGE RATES

TEMPERATURE RECOMMENDATIONS

CURE TIMES

SPRAY EQUIPMENT RECOMMENDATIONS

CLEAN UP

LIMITATIONS

until product is consistent in appearance and viscosity. Do not thin.

Priming: Primers may be needed on specific substrates/surfaces prior to application.

BUR Smooth/MB Smooth/MB Granule

Base Coat - 1.5 gals/SQ

Top Coat - 1.5 gals/SQ

Metal/Single Ply

Base Coat - 1 gals/SQ

Top Coat - 1 gals/SQ

Coverage rates are minimum recommended rates. The application surface can affect the necessary coverage rate.

Additional surface area must be accounted for on applications over corrugated or standing seam metal substrates. Coverage may require an additional 15-25% depending on profile.

Optional Non-Skid Coat w/ Embedded and Backrolled Aggregate:

- Additional Layer of Top Coat: Apply at 1 - 1½ gal/SQ (16 - 24 wet mils)
- Approved Aggregates:
 - Silica Sand (20-40 mesh) - Coverage: 20-30 lbs./100 sq. ft.
 - No. 11 Roofing Granule - Coverage: 10-15 lbs./100 sq. ft.

Min Ambient: 50°F (10°C)

Max Ambient: 110°F (43.3°C)

Min Surface: 50°F (10°C)

Max Surface: 130°F (54.4°C)

- Minimum temperatures must be rising following applications. Do not apply when:
 - Dew point is within 5°F (2.77°C) of ambient temperatures
 - Precipitation, fog, or dew is imminent prior to cure of the product
 - Freezing temperatures are expected prior to cure of the product

Skin Time: 70°F (21.1°C) / 50% RH - 6 hours

Recoat Time: Minimum 24 hours

General Guidelines

Component	Pressure	Tip Size	Flow Rate	Filters	Hose Type	WHIP	Product Temp
One-Component	1,500 psi	.035 - .045	1.6 - 2.6 gpm	Remove	High Pressure	¼" High Pressure	Ambient

- Must use heavy duty or industrial grade spray tips
- Properly clean and maintain spray equipment before, during and after use
- Equipment should be properly grounded during use

Soap & Water

- Not recommended for use over the following:

Roof Decks: Cementitious wood fiber, metal, poured-in-place gypsum, structural lightweight or lightweight insulating concrete, and wood decks (includes plywood, tongue and groove, etc.).

Products/Systems: Asphalt-based or coal tar gravel surfaced BUR systems, clay tile, expanded or extruded polystyrene insulation, shingles, silicone-based products, and tar-based products.

- Not for use under continuous immersion

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PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE	TEST METHOD
FINISH COAT		
Tensile Strength	301 psi	ASTM D6083
Elongation	224%	ASTM D6083
Tear Strength	99 lbf/in	ASTM D6083
Water Swell	9%	ASTM D6083
Low Temperature Flexibility, Post Accelerated Weathering	Pass	ASTM D6083
Reflectance	Initial - 0.84	ASTM C1549
Solids Content - Volume	56%	ASTM D6083
Solids Content - Weight	70%	ASTM D6083
VOC (White)	31 g/L	

MAINTENANCE

Your local Tremco Roofing sales 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.

PRECAUTIONS

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

TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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