

TremLastic S

A High Performance, Non-Fibered, Rubberized Asphalt Emulsion

Composition:

TremLastic S is a non-fibered, asbestos free neoprene rubber modified asphalt emulsion. TremLastic S is water-based, low in odor, meets the strict VOC requirements for roof coatings in California's South Coast Air Quality Management District and the US EPA's National VOC Emission Standard for Architectural Coatings (AIM).

Basic Uses:

TremLastic S is a cold applied protective rubberized asphaltic coating for new and existing smooth asphalt BUR and MB roof surfaces. TremLastic S bridges minor surface irregularities to seal roof surfaces from moisture intrusion and provide a smooth surface for coating application, such as Tremco's Double Duty Aluminum, Polarcote FR, and ICE Coating.

TremLastic S is recommended for use in the ICE System as a ply adhesive for Rapid Set Reinforcing Fabric. TremLastic S is compatible with the non-toxic quick break curing agent infused into the Rapid Set Reinforcing Fabric, which causes the water to release quickly for a fast cure when these materials are combined. TremLastic S may also be used with other reinforcing fabrics such as Permafab and BURmesh.

Limitations:

- Not for application at ambient and surface temperatures below 45F (7C). Do not apply if freezing temperatures are expected within 24 hours after application.
- Do not apply to wet surfaces. Do not apply if rain is expected within 4 hours of application.

Product Advantages	
Features	Benefits
Waterbased asphalt emulsion	<ul style="list-style-type: none"> • Low Odor • VOC Compliant • Resists moisture intrusion • Easy to apply • Environmentally friendly
Quick drying process	<ul style="list-style-type: none"> • Cure rate faster when used in combo with Rapid Set Reinforcing Fabric • Withstands adverse conditions faster.
Variety of uses	<ul style="list-style-type: none"> • Maintenance of existing roofs • New BUR applications • Can be applied by in-house crew

- Surfaces must be clean and free of dirt, dust, and other contaminants. Not intended for use in areas on the roof which pond water.
- Tremlastic S must be surfaced with a reflective coating or approved aggregate.

Grade:

Brush, squeegee, or spray

Storage Life:

One year in unopened containers. Store containers at temperatures above 32F (0C). Store containers indoors in a heated area.

RECOMMENDED APPLICATION EQUIPMENT

Airless Spray Pump: Pneumatic or hydraulic pump with a minimum 2000 psi material output pressure. Output flow rate for the pump should be a minimum 5 GPM (gallons per minute) for efficient production rates.

Spray Tip/Material Hose: Reversible spray tip with a 0.043" – 0.099" orifice and a 40 to 60 degree spray fan. Material spray hose must be properly rated for the maximum working pressure of the pump being used.

APPLICATION DATA:

Drying time and final cure will vary based on weather conditions during application. Drying times will be longer under cool temperature, high humidity, and/or overcast conditions.

Where TremLastic S is part of a Tremco Roofing System, refer to project specifications for further information.

Surface Preparation:

All fresh applications of solvent based mastic and cold process roof systems require a minimum 30 day cure period prior to the application of TremLastic S.

Remove all dirt, dust, and other loose debris from the roof area. Must be clean, sound, and dry prior to application of TremLastic S.

Weathered asphaltic surfaces and factory granuled roofing membranes require light priming with Tremprime WB. Allow primer to fully dry prior to application of TremLastic S.

Application:

Spray or brush apply TremLastic S onto the surface. On irregular surfaces, broom TremLastic S into the surface to assure TremLastic S will fill and cover minor surface irreg-

TREMCO
Roofing & Weatherproofing Peace of Mind™

ularities. When installing TremLastic S as the base coat under a reflective coating, apply a smooth surface finish by broom to assure an even appearance and coverage.

ICE System Installations: Immediately install Rapid Set Reinforcing Fabric into the wet TremLastic S. Promptly roll or broom the fabric to eliminate wrinkles and to assure positive embedment. Do not allow foot traffic on fabric ply during installation. Allow Rapid Set Reinforcing Fabric to dry minimum 1 hour. Once Fabric Ply is able to support foot traffic without tracking, apply top coat of ICE Coating directly to Rapid Set Reinforcing Fabric.

Permafab Installations: Immediately install Permafab into the wet TremLastic S and promptly broom the fabric to eliminate wrinkles and to assure positive embedment. Do not allow foot traffic on fabric ply during installation. Immediately apply top layer of TremLastic S and avoid foot traffic for minimum 24 hours while system dries.

Coatings: TremLastic S must cure a minimum 14 days prior to the application of water based acrylic coatings direct to its surface. After the cure period is complete, prime surface of TremLastic S with Tremco SP Primer at a rate of 300 to 400 sq.ft/gal (7.4 – 9.8 m²/L). Allow Tremco SP Primer to cure so it will not track under foot traffic, minimum 1 hour. Apply acrylic coating as recommended.

Prior to the application of solvent based coatings, such as Double Duty Aluminum LV, allow TremLastic S to cure 30 days minimum. Lightly prime the surface of TremLastic S with a compatible primer, such as Tremprime QD at a rate of 200 to 400 sq.ft/gal (4.9 – 9.8 m²/L). Allow primer to cure tack free prior to applying coating.

Coverage Rate:

Horizontal surfaces: 4 gal/SQ (1.6 L/sq.m) minimum. Increase coverage rate to 5 or 6 gallons/SQ (2.0 – 2.4 L/sq.m) for applications over uneven surfaces.

Flashings: 2-1/2 gal/SQ (1.0 L/m²) minimum per coat.

Clean Up: Clean equipment with water immediately after use.

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 Roofing 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 TremLastic S to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any product that is proved to be defective when applied in accordance with 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.

Physical Performance Characteristics		
TremLastic™ S		
Property	Typical Value	Test Method
Density	8.6 lbs/gal (1006 kg/m ³)	ASTM D 1475-98
Residue by Evaporation	50%	ASTM D 2939-03
Elongation	100%	ASTM D 412-06a
VOC	25 g/L	ASTM D 3960-05
Asbestos Content	None	EPA/600/R-93/116

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 reputation in weather-proofing 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.



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

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