

Tremlite Seam Sealer

A High Performance Polyurethane Brush Grade Mastic

Composition: Tremlite Seam Sealer is a white, single component, high solids, moisture cure aliphatic polyurethane elastomer. Tremlite Seam Sealer is low in solvent and is asbestos free.

Basic Uses: Tremlite Seam Sealer is designed for use as a multi-purpose roof waterproofing mastic. It is used to seal the overlap seams and fastener heads on low slope metal roof systems.

Tremlite Seam Sealer may also be used to seal joints in coping caps, roof penetrations, and vertical flashings. Tremlite Seam Sealer develops excellent adhesion to most construction materials, such as concrete, masonry, metal, wood, cured asphalt, and solidly adhered acrylic coatings.

Tremlite Seam Sealer is suitable for direct exposure to weathering, or it may be coated with a reflective acrylic coating, such as Tremlite Coating, Polarcote FR, or High Build Reflective Coating.

Limitations:

- Not intended for use over Kynar or other PVDF resin coatings.
- Not intended for use over tar or silicone based products.
- Not intended for use of EPDM, PVC, CSPE (Hypalon), or PIB Single Ply membranes.

- Do not apply over damp or wet surfaces.
- Do not apply when ambient and surface temperatures are below 32°F (0°C).
- Do not apply when rain is expected within 6 hours. If temperatures are or are expected to drop below 50°F (10°C) do not apply when rain is expected within 24 hours.

Color: White

Grade: Heavy Brush/Bulk Caulk Gun

Packaging: Available in 2 gallon (7.5 L) and 5 gallon (18.9 L) containers

Storage Life: 1 year in unopened containers

Surface Preparation: Remove all dust, dirt, rotted felt, and foreign matter. Surface must be clean and dry. Spud embedded gravel from substrate. Area must be prepared down to a smooth, clean, sound, dry base.

For metal surfaces, rust and loose paint must be wire brushed, scraped, or pressure washed down to a sound surface. Priming metal surfaces is not required.

Application: Apply using a heavy brush onto clean and dry surfaces. Work Tremlite Seam Sealer into overlaps; fully surround and encapsulate fastener heads. Reinforcing fabric, such as Tremlite Polyester Reinforcement, SRC Reinforcement, or BURmesh is applied into the base course of Tremlite Seam Sealer over metal overlaps, seams, and areas of high stress, including flashings.

Tremlite Seam Sealer must be fully cured a minimum 24 hours prior to applying a reflective acrylic coating, such as Tremlite Coating. Allow additional time for cure under low temperature or low humidity conditions. Tremlite Seam Sealer surface must be abraded after one week open time prior to applying acrylic coating.

Product Advantages	
Features	Benefits
Aliphatic Urethane	<ul style="list-style-type: none"> • Excellent UV resistance • Durable, long lasting repairs
White, reflective finish	<ul style="list-style-type: none"> • Minimizes heat buildup
Brushable	<ul style="list-style-type: none"> • Easy to apply • Reduced labor costs
Versatile	<ul style="list-style-type: none"> • Adheres well to a variety of surfaces, such as metal, concrete, and cured asphalt.

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Coverage Rate: Coverage rate will vary depending on surface texture. Tremlite Seam Sealer will cover approximately 50 to 70 linear feet per gallon @ 1/8" thickness (4 to 6 linear meters per liter @ 3 mm thickness) in a single coverage.

For 3 course applications (Sealer – Reinforcement – Sealer), coverage rate is approximately 25 to 35 linear feet per gallon @ 1/8" thickness (2 to 3 linear meters per liter @ 3 mm thickness per course).

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 Seam Sealer 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 Seam Sealer product 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.

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,

Physical Performance Characteristics		
Tremlite Seam Sealer		
Property	Typical Value	Test Method
Density @ 77°F (25°C)	10.1 lbs/gal (1220 kg/m ³)	ASTM D 1475-98
Tensile Strength	270 psi (1.9 MPa)	ASTM D 412-98a (2002)
Elongation	700%	ASTM D 412-98a (2002)
Tear Strength	35 pli (156 N)	ASTM D 412-98a (2002)
Asbestos	None	EPA 600/R13/116
VOC	75 g/L	ASTM D 3960-02

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

An RPM Company

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