

TREMCO

Tremproof® 150

Multi-Layered, Fabric Reinforced, Hot, Rubberized Asphalt Waterproofing Membrane

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Product Description:
One-part, 100% solids, hot applied, rubberized asphalt waterproofing membrane.

Basic Uses:
TREMproof 150 is ideally suited for new and remedial waterproofing applications. The TREMproof 150 system can be applied to horizontal or vertical concrete slabs and is designed for use on plaza decks, roof decks, parking garages, foundation walls, mud slabs, tunnels, planters, etc.

Limitations:

- Do not apply over any type of lightweight concrete without prior written approval from Tremco.
- Not for use on wet or frozen substrates.

Packaging:
TREMproof 150 is packaged in 55 lb. (25.3 Kg) polyethylene lined cardboard kegs, 9 kegs per pallet, 495 lbs. (228 Kg) per pallet. Remove cardboard keg and place polyethylene liner and TREMproof 150 into the kettle.

Color:
Black

Installation:
Heating of TREMproof 150 is accomplished utilizing a double jacketed, oil bath kettle with mechanical agitation, specifically designed for applying hot rubberized asphalt waterproofing membranes.

TREMproof 150 is applied as a double lift membrane system and incorporates a spun bound polyester

reinforcing fabric. The first layer of TREMproof 150 is applied at a minimum thickness of 40 mils (1mm). The fabric reinforcement is then embedded into the first 40 mil (1mm) layer. A second layer of TREMproof 150 is then applied at a minimum thickness of 110 mils (2.75mm).

Refer to Tremco TREMproof 150 Application Instructions for specific application details. The techniques involved may require modifications to adjust for job site conditions. Consult your Tremco Representative for specific design requirements.

Where protection against damage by the trades is not possible, an approved protection sheet shall be installed. This will provide protection to the installation of wearing course and/or backfilling.

Coverage Rates:
The complete TREMproof 150 system is **150 mils (3.75mm)** thick at .99 lbs. per sq ft (4.83 Kg/m²) / 12.10 sq ft per gallon (.25m²/L), plus reinforcing fabric.

TREMproof 150 can be applied at greater thicknesses if desired, such as: **165 mils (4.1mm)** yielding 1.08 lbs per sq ft (5.3 Kg/m²) / 11.01 sq ft per gallon (.23 m²/L) **215 mils (5.4mm)** yielding 1.42 lbs per sq ft. (6.95 Kg/m²) / 8.4 sq ft per gallon (.18 m²/L).

Maintenance:
Damaged membrane can be repaired. Consult your Tremco Distributor or Representative for repair procedures.

Availability:
Immediately available from your local Tremco Field Representative, Tremco Distributor or Tremco Warehouse.





Warranty:

Tremco warrants its Membranes to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on site conditions are beyond our control and can affect

performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Membrane's, Tremco's sole obligation shall be, at

its option, to replace, or refund the purchase of the quantity of Tremco Membrane proved to be defective and Tremco shall not be liable for any loss or damage.

TYPICAL PHYSICAL PROPERTIES

Cured Film Properties	Test Method	Requirement	Typical Result
Flash Point	ASTM D92, COC	Greater than 510°F	536°F at 13°F/minute temp. rise
Water Vapor Transmission Rate at 77°F	ASTM E96*	Less than 0.1 grain/hour/ft ² (0.069 gram/hour/m ²)	0.023 grain hour/ft. ² (0.059 gram/hour/m ²)
Water Vapor Transmission Rate at 120°F	ASTM E96*	Less than 0.1 grain/hour/ft ² (0.069 gram/hour/m ²)	0.086 grain hour/ft. ² (0.059 gram/hour/m ²)
Water Vapor Permeability	ASTM E96, Procedure E	Less than 0.01 perms-inch (0.017 metric perm-cm)	0.0031 perm-inch (0.0053 metric perm-cm)
Water Resistance	ASTM D1167 Immersed 24 hours at 140°F	No Blistering No Emulsification No Deterioration	Pass
Water Absorbtion,g	% weight increase of 1/8" coating immersed in water	24 hrs: less than 0.07 48 hrs: less than 0.10 72 hrs: less than 0.11	0.035% 0.068% 0.065%
Penetration by Standard Cone	ASTM D1191	At 77°F: less than 100 (1/10mm) At 120°F: less than 220 (1/10mm)	95 153
Flow	ASTM D1191	At 120°F: none At 140°F: 0.3 cm max.	None None
Low Temp. Flexibility	CGSB 37GP-50 1/8" coating on aluminum bent 90° over 1/4" diameter mandrel	No adhesive failure nor cracking at -15°F	Pass
Heat aging	10 gms in weighing dish aged 28 days at 190°F	Less than 1% wt. loss	0.06% wt. loss
Elasticity	Reaction to Sudden Elongation (20 in./min.)	Minimum toughness of 25 inch-lbs.	53.7 inch-lbs.
Low Temperature Movement	CGSB 37GP-50	Bridges moving 1/8" crack @-15°F	Pass
Elongation	ASTM D412		1450% @ 77°F (25°C)
Recovery from 300% strain	ASTM D412		90% @ 77°F (25°C)
Ring and Ball Softening Point	ASTM D36		198°F (92°C) - 210°F (99°C)
Toughness	CGSB 37GP-50	5.5 J	11.6J

*Figures are for 100% RH and 1/8" film thickness.

For MSDS and Spec Data Sheets,
Call our 24 Hour Fax-Back Line:

1-800-551-2806

or visit our website:

www.tremcosealants.com



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