

TREMproof® 6100

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

Product Description

One-part, 100% solids, hot-applied, rubberized asphalt waterproofing membrane. TREMproof® 6100 is also available with 25% recycled content. Contact your local Tremco Sales Representative for additional information.

Basic Uses

TREMproof 6100 is ideally suited for new and remedial waterproofing applications. The TREMproof 6100 system is applied to horizontal concrete surfaces and is formulated exclusively for application to the top level of structures, including applications such as plaza decks, roof decks and exposed top-level parking areas.

Applicable Standards and Approvals

TREMproof 6100 meets or exceeds the following specifications and approvals:

- CGSB 37.50-M89
- Miami-Dade County Approved - NOA#09-1110.05
- Los Angeles Approved - RR#25299
- New York City Approved - MEA#62-95-5
- UL Class A - R-10845
- ISO 9001: 2000 Certified
- BBA Agreement Certification

Packaging

50-lb (22.7kg) boxes, 40 per pallet totaling 2000 lb (908kg)
Sold in pallet quantities only

Color

Black

Equipment

Heating of TREMproof 6100 is accomplished utilizing a double-jacketed, oil-bath melter with mechanical agitation, specifically designed for applying non-direct fired hot rubberized asphalt waterproofing membranes. An air jacketed melter is also acceptable. Melter must be capable of maintaining material temperature at 375° F to 400° F (191° C to 204° C), and an oil-bath temperature of 500° F to 550° F (260° C to 288° C) intermittently. Direct fired melters are not approved.

Installation

Installation requires use of either TREMprime QD Low-Odor Primer or TREMprime WB Primer. Ensure compliance with all project, local and other safety regulatory bodies, recognizing possible additional requirements may exist for vertical work. Refer to Tremco TREMproof 6100 Application Instructions for specific application details. The techniques involved may require modifications to adjust for job-site conditions. Consult your local Tremco Sales Representative or Tremco Technical Services for specific site conditions and requirements.

Availability

Immediately available from your local Tremco Sales Representative, Tremco distributor or warehouse.

Limitations

- Do not apply over any type of lightweight concrete without prior written approval from Tremco.
- Not for use on wet or frozen substrates.
- Not suitable for direct contact with coal tar derivative materials. If this condition exists on a job-site, contact Tremco Technical Services for additional instructions.

Warranty

Tremco warrants its Products to be free of defects in material but makes no warranty as to appearance or color. Since method 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 Products. Tremco's sole obligation shall be at, its option, to replace or to refund the purchase price of the quantity of Tremco Products proven to be defective, and Tremco shall not be liable for any loss or damage.

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

TYPICAL PHYSICAL PROPERTIES

CAN/CGSB 37.50-M89 Specification for Hot-Applied, Rubberized Asphalt for Roofing and Waterproofing

Property	Requirement	Test Method	Result
Flash Point	Min. 500° F (260° C)	ASTM D92	>572°F (300° C)
Cone Penetration	Max. 110 dmm at 77° F (25° C) Max. 200 dmm at 122° F (50° C)	ASTM D3407	As received: <45 dmm at 77° F (25° C) <100 dmm at 122° F (50° C) After heat aging: <60 dmm at 77° F (25° C) <125 dmm at 122° F (50° C)
Flow	Max. 3 mm	ASTM D5329	As received: 0 mm After heat aging: 0 mm
Toughness	Min. 5.5 J	CAN/CGSB 37.50-M89; Section 4.4	>10J
Ratio of Toughness to Peak Load	Min. 0.040	CAN/CGSB 37.50-M89; Section 4.5	>0.15
Adhesion Rating	Threads shall be covered with membrane material	CAN/CGSB 37.50-M89; Section 4.6	Pass
Water Absorption	Max. 0.35 g gain in mass	CAN/CGSB 37.50-M89; Section 4.8	<0.3 g gain in mass
Pinholing	Shall not show more than one pinhole	CAN/CGSB 37.50-M89; Section 4.9	No pinholes
Low Temperature Flexibility	Shall not show any cracking	CAN/CGSB 37.50-M89; Section 4.10	As received: No cracking After heat aging: No cracking
Crack Bridging Capability	Shall not show any evidence of cracking, splitting or loss of adhesion	CAN/CGSB 37.50-M89; Section 4.11	Pass
Water Vapor Transmission – Dessicant Method	Max 1.7 ng/Pa*s*m ²	ASTM E96	1.32 ng/Pa*s*m ²
Viscosity Test	2 - 15 s	CAN/CGSB 37.50-M89; Section 4.13	Pass
Shelf Life			24 months when properly stored in original, unopened packaging
Specific Gravity			1.34



Tremco Commercial Sealants & Waterproofing

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