



TECHNICAL DATA SHEET

TREMproof® 6100

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

PRODUCT DESCRIPTION

One-part, 100% solids, hot-applied, rubberized asphalt waterproofing membrane. TREMproof 6100 can be formulated with up to 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 can be applied to the top level of structures, such as roof decks and unexposed top-level parking areas. TREMproof 6100 can also be used in the following applications: planters, pavers, plaza decks, vegetated roofing systems, and submerged conditions.

EQUIPMENT: Heating of TREMproof 6100 is accomplished utilizing a double-jacketed, oil-bath melter with mechanical agitation, specifically designed for 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 to 425 °F (191 to 218 °C), and an oil-bath temperature of 500 to 550 °F (260 to 288 °C) intermittently. Direct fired melters are not recommended.

AVAILABILITY

Immediately available from your local Tremco Sales Representative or Distributor. For Distributor locations, visit www.tremcosealants.com.

COVERAGE RATES

90 mils = 0.621 lb/ft² (3.03 kg/M²)

125 mils = 0.8625 lb/ft² (4.21 kg/M²)

200 mils = 1.38 lb/ft² (6.74 kg/M²)

215 mils = 1.48 lb/ft² (7.23 kg/M²)

PACKAGING

30-lb (13.6-kg) boxes, 75 boxes/pallet totaling 2250 lbs (1020.5 kg)

Sold in pallet quantities only.

COLORS

Black

APPLICABLE STANDARDS

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

FIRE RATED SYSTEMS

- UL Class A - R-10845
- ISO 9001: 2000 Certified
- BBA Agreement Certification

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 jobsite, contact Tremco Technical Service for additional instructions.
- Concrete must be allowed to cure for a minimum of 28 days prior to application.

WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	DESCRIPTION	
Type	Hot-applied rubberized asphalt	
Color	Black	
Solids	100%	
Density	1.29	
Application	Flat Squeegee	
Cure Time	24 hr	
Thickness	Minimum 215 mils (wet), 215 mils (dry)	
PROPERTY	TEST METHOD	TYPICAL VALUES
Maximum VOC	Method 310	0 g/L
Flash Point	ASTM D92 Minimum 500 °F (260 °C)	604 °F (318 °C)
Cone Penetration	ASTM D5329 at 77 °F (25 °C)	0.22" (5.7 mm); 0.71" (18.1 mm)
At 77 °F (25 °C), 0.43" (11.0 mm) maximum	At 122 °F (50 °C)	
At 122 °F (50 °C), 0.78" (20.0 mm) maximum		
Water Vapor Permeance	ASTM C836, ASTM E96, Dry Cup	0.3 ng/Pa*s*M ²
Ng/Pa*s*M ² Maximum		
Toughness	CAN/CCSB 37.50-M89; Section 4.4	14.9 J
At 77 °F (25 °C), 5.5 J minimum		
Ratio of Toughness to Peak Load	CAN/CCSB 37.50-M89; Section 4.5	0.04
At 77 °F (25 °C), 0.04 minimum		
Adhesion Rating	CAN/CCSB 37.50-M89; Section 4.6	Pass
Water Absorption	CAN/CCSB 37.50-M89; Section 4.8	0.007 oz (0.20 g)
0.012 oz (0.35 g) maximum		

TYPICAL PHYSICAL PROPERTIES

Pinholing	CAN/CCSB 37.50-M89: Section 4.9	0
1 Pinhole maximum		
Low Temperature Flexibility	CAN/CCSB 37.50-M89; Section 4-10	Pass
Low Temperature Crack Bridging	CAN/CCSB 37.50-M89: Section 4.11	Pass
Flow	ASTM D5329	0
Heat Velocity	CAN/CCSB 37.50-M89	11 sec

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

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

TP6100DS/0525

Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



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