

TREMproof® 250GC

Single Component, Rapid Curing, Fluid-Applied Elastomeric Waterproofing Membrane

Product Description

TREMproof® 250GC is a rapid-curing, high solids, VOC compliant modified polyurethane waterproofing membrane. It can be applied to damp and Green concrete. TREMproof 250GC is a one-part moisture curing elastomer available in three viscosities: Self-Leveling, Roller and Trowel (trowel intended for detailing work).

Basic Uses

TREMproof 250GC is designed for use on backfilled walls, split slab applications, planters and submerged conditions.

Features and Benefits

TREMproof 250GC can be applied in as little as 24 hours following the removal of concrete forms to keep construction moving. It can also be applied to damp concrete, reducing the delays associated with rain or other sources of water. The unique ability to catalyze TREMproof 250GC with water when desired will speed cure times, especially cold temperatures and low relative humidity, to further compress the construction schedule. TREMproof 250GC can be applied at a rate of up to 120 mils in a single lift to speed application without sacrificing performance. It can also be applied in multiple lifts to achieve a 215 mil high-build system when maximum protection is required.

Packaging

5 gal. (19L) pails, 36 pails/pallet
55 gal. (208L) drums, 4 drums/pallet

Coverage Rates

Wet Mil Thickness	Square Ft/Gal	Sq. M/Litre
215	7.5	.19
120	13	.32
90	18	.44
60	25	.66

Applicable Standards and Approvals

TREMproof 250 GC meets or exceeds the following specifications:

- ASTM C836 Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course.
- City of Los Angeles (COLA) approval standards.
- Miami-Dade County Acceptance.

Installation

Refer to TREMproof 250GC Application Instructions for specific application details. The techniques involved may require modification to adjust to job-site conditions. Consult your local Tremco Sales Representative or Tremco Technical Services for specific design requirements.

Availability

Available from your local Tremco Sales Representative, Tremco Distributor or warehouse.

Limitations

Do not apply to contaminated surfaces. Not to be used as an exposed or wearing surface. Use with adequate ventilation. Concrete forms must be removed a minimum of 24 hours before TREMproof 250GC can be applied. Not approved for direct contact with asphalt-based products. Not for use with potable water. Contact your local Tremco Sales Representative or Tremco Technical Services for compatibility information and job-specific recommendations on tie-in and termination details.

Warranty

Tremco warrants its Products 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 Products. Tremco's sole obligation shall be, at its option, to replace, or refund the purchase 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

ASTM C836 Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course

Physical Property	Test Method/Requirement	Results
Material	Shall Cure and maintain seal against water	Pass
Stability (80°F/26.7°C)	Shelf Life 6 months	1 year
Hardness, Type 00	ASTM D 2240 as modified in section 5.5 of ASTM C 836; 50 minimum	70 -80
Vertical Hold*	60 mils	90+
Weight Loss	ASTM C 1250 20% Maximum Loss 80% Solids Minimum	10% Loss 90% Solids
Low Temperature Flexibility and Crack Bridging	ASTM C 1305 No Cracking	Pass
Adhesion-in-Peel after Water Immersion (Unprimed)	ASTM C 794 as modified in section 5.9 of ASTM C 836 1 lbf/in. (4.4N)	26 lbf/in. (22.2-35.6N)
Extensibility After Heat	ASTM C 1522	Pass
Aging	Membrane must bridge 1/4" (6 mm) crack	

*Roller and Trowel Grade only. Self-Leveling Grade is not designed to hold on a vertical.

