

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 that can be applied to damp and green concrete. TREMproof 250GC is a one-part moisture-curing elastomer available in three viscosities: Self-Leveling (SL), Roller (R) and Trowel (trowel intended for detailing work only).

Basic Uses

TREMproof 250GC is designed for use on backfilled walls, split slab applications, planters and submerged conditions. TREMproof 250GC is a complementary waterproofing membrane that can be used with Tremco's Vegetated Roofing systems.

Features and Benefits

- TREMproof 250GC can be applied in as little as 24 hours following the removal of concrete forms. It can also be applied to damp concrete, reducing the delays associated with rain or other sources of moisture.
- The unique ability to catalyze TREMproof 250GC-SL with water when desired will speed cure times, especially in cold temperatures and low relative humidity, to further condense 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.

Availability

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

Coverage Rates

Approximately 25 ft²/gal (0.61 M²/L) at 60 wet mils

Approximately 18 ft²/gal (0.44 M²/L) at 90 wet mils

Approximately 13 ft²/gal (0.32 M²/L) at 120 wet mils

Approximately 7.5 ft²/gal (0.19 M²/L) at 215 wet mils

Packaging

5-gallon (19-L) pails, 36 pails/pallet

55-gallon (208-L) drums, 4 drums/pallet

Applicable Standards

TREMproof 250GC meets or exceeds the following specifications:

- ASTM C836 Standard Specifications 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

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 Service for compatibility information and job-specific recommendations on tie-in and termination details.
- Do not apply over a curing or forming oil compound.
- Do not apply over a non-vented substrate without contacting your local Tremco Sales Representative.

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 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.

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

TYPICAL PHYSICAL PROPERTIES

PROPERTY	DESCRIPTION	
Composition	Modified Polyurethane Waterproofing	
Color	Black	
Solids	No less than 84%*	
Grade(s)	Trowel, Roller and Self-Leveling	
Cure Time	6 to 12 hr at 75 °F (24 °C), 50% RH	
Thickness	60 mils	
PROPERTY	TEST METHOD	TYPICAL VALUES
Film Thickness	ASTM C836	60 wet mils
Tensile Strength	ASTM D412	200 psi
Elongation	ASTM D412	600%
Adhesion-in-Peel after Water Immersion (Unprimed)	ASTM C836; ASTM C 794	17 lbf/in (29.77 N/cm)
Low-Temp Flexibility	ASTM C836; ASTM C 836	Pass
Weight Loss 20% maximum Loss 80% Solids minimum	ASTM C836; ASTM C 1250	15% Loss maximum 85% Solids minimum
Low Temperature Crack Bridging	ASTM C836; ASTM C1305	Pass
Extension after heat aging No observable cracking	ASTM C836; ASTM C1522	Pass
Hardness, Type 00 50 Min.	ASTM C836; ASTM D 2240	87
Water Vapor Permeance	ASTM C836; ASTM E96 Dry Cup	
	ASTM C836; ASTM E96 Wet Cup	1.15 US Perms
	ASTM C836; ASTM E96 Inverted Wet Cup	1.05 US Perms
Maximum V.O.C.	Method 310	No more than 177 g/L* (LV formulation does not exceed 100 g/L)
Shelf Life Stability	6 months	12 months
Application Temperature	Above 40 °F (5 °C) and rising. If installing below 40 °F (5 °C), please contact Tremco Technical Services at 866-209-2404.	
Storage Temperature	40 to 100 °F (5 to 37 °C)	

*Varies Depending on grade of material used.

**Modified ASTM C1305



0916/TP250GCDS-BG

Tremco Commercial Sealants & Waterproofing

3735 Green Rd
Beachwood OH 44122
216.292.5000 / 800.321.7906

1451 Jacobson Ave
Ashland OH 44805
419.289.2050 / 800.321.6357

220 Wicksteed Ave
Toronto ON M4H1G7
416.421.3300 / 800.363.3213

1445 Rue de Coulomb
Boucherville QC J4B 7L8
514.521.9555

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB	
PROJECT NAME	
8274 BIG BEND BLVD	
ADDRESS	
NUMBER	
WEBSTER UNIVERSITY	
OWNER	
CANNON DESIGN	
ARCHITECT / ENGINEER	
DEVIN D GATES	
SUBMITTED BY	
071326-013	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
	071326
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
	☐ CRITICAL

ITEM BEING SUBMITTED (check only one)

- | | | |
|---|--|--|
| ☐ Shop Drawings | ☐ Certification / Qualifications | ☐ Coordination Drawing |
| ☐ Samples (____ copies) | ☐ Record Documents | ☐ Calculations |
| ☐ LEED Submittal | ☒ Product Data | ☐ Schedules |
| ☐ Other _____ | | ☐ O&M Manuals |

ITEM BEING SUBMITTED FOR (check only one)

- ☒ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

VE-fluid applied waterproofing to be used at courtyard site walls

CONTRACTOR / CM CERTIFICATION (SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)



PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:

Devin D. Gates

To be completed by Reviewer

07 1326-013
CANNON DESIGN SUBMITTAL NUMBER
2/8/17
RECEIVED DATE

- ☐ A. No Exceptions Taken
No further review of submittal is required.
- ☒ B. Make Corrections Noted
Incorporate corrections in work; resubmission is not required.
- ☐ C. Revise and Resubmit
Revise as noted, and resubmit for review.
- ☐ D. Rejected
Submittal is not in compliance with Contract Documents; provide new submittal.
- ☐ E. For Record / Information Only
Submittal was reviewed for Record / Information purposes only.
- ☐ F. Not Required for Review
Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

☐ See attached sheet(s) for additional comments

Must be installed per-manufacturers specifications and if it is to come in contact with Carlisle AVB contractor shall coordinate compatibility with both manufactures.

DEVIN D GATES

REVIEWED BY

02/08/17

DATE

Kathy Williams

REVIEWED BY

2-9-2017

DATE