

# TREMproof® 250 GC

## SINGLE COMPONENT, FLUID APPLIED ELASTOMERIC WATERPROOFING MEMBRANE FOR “GREEN” CONCRETE

### Key Benefits Summary

- For use on “Green” Concrete
- Rapid Curing.
- High solids.
- VOC compliant.
- One part.
- Suitable for applications to horizontal & vertical surfaces.

### STANDARDS

- ASTM C836

### PRODUCT INFORMATION

#### DESCRIPTION

TREMproof® 250 GC is a rapid curing, high solids, VOC compliant, modified polyurethane waterproofing membrane that can be applied to “Green” Concrete. TREMproof® 250 GC is a one-part moisture curing elastomer that is suitable for applications to horizontal and vertical surfaces.

#### USAGE/PURPOSE

TREMproof® 250 GC can be applied to “Green” Concrete and is commonly used as a “between slab” on

- Plaza Decks
- Parking Decks
- Roof Terraces
- Podiums
- Reflecting Pools

TREMproof® 250 GC is also used for waterproofing

- Foundation Walls
- Planter Boxes
- Tunnels

TREMproof® 250 GC is an effective membrane for use on

- Concrete
- Wood
- Metal and other masonry surfaces.

#### LIMITATIONS

TREMproof® 250 GC is not recommended for;

- Contaminated or wet surfaces
- Applications where the applied membrane will not be covered over and where the membrane will be subjected to traffic
- Use with adequate ventilation
- Concrete forms must be removed for a minimum of 24 hours before TREMproof® 250 GC can be applied.

#### PACK SIZE

18.9L Pail

#### COLOUR

Available in black only.

#### TECHNICAL INFORMATION

#### COMPOSITION

TREMproof® 250 GC is an elastomeric modified polyurethane.

#### PERFORMANCE (Typical Properties)

- STABILITY  
>80°F/26.7°
- WEIGHT LOSS  
20% Maximum loss  
80% Solids minimum
- LOWTEMPERATURE FLEXIBILITY  
& CRACK BRIDGING  
Ten cycles - 15<sup>oF</sup>/-26<sup>oC</sup> (0”-1/8”, 1/8” - 0 + 1 cycle  
03.2mm, 3.2mm-0+ 1 cycle)  
No loss of adhesion
- ADHESION IN PEEL AFTER  
WATER IMMERSION (Unprimed)  
21 lbf/in. (4.4N)

NOTE: Typical Properties should not be used as Specifications.

#### USAGE GUIDELINES

#### SURFACE PREPARATION

- Surfaces to be waterproofed must be clean and dry.

# TREMproof® 250 GC

- Concrete slabs should have light steel trowel finish followed by a fine hair broom or equivalent finish and should be water cured.
- Consult Architect or Engineer for minimum cure time on concrete before water cure can be stopped and foot traffic is permitted.
- Allow a minimum of 24 hours for concrete surface to dry after stopping water cure on decks or removing forms on walls
- If release agents are present, they must be removed before the application of TREMproof® 250 GC.
- Following good drainage practice, the structural slab should be sloped to drain a minimum of 3.2mm per running foot 30cm.
- All shrinkage cracks should be treated with a 1.5mm coating of TREMproof® 250 GC, 15cm wide centered over the crack. Moving structural cracks greater than 1.6mm can be routed out and primed with Vulkem® 171 Primer then caulked.
- At expansion joints and other areas of potential high movement, Tremco elastomeric Sheeting embedded into the membrane may be required. Consult your local Tremco representative or distributor for specific design details.
- All detailing must be cured a minimum of 12 hours prior to the application of the membrane.
- Detailing should be wiped clean with Xylol prior to the application of the membrane.

## METHOD OF APPLICATION

- TREMproof® 250 GC shall be spray, roller, squeegee or trowel applied at the rate of 1.63 litres per square metre to provide a thickness of 1.5mm.
- A "Flood Test" should be run; the membrane should be cured to a firm rubber set (36 hour minimum) before flooding. Flood with a minimum of 2.54cm of water for 24 hours.
- Allow TREMproof® 250 GC to completely cure before a protection course of TREMboard and/or an approved drainage mat can be applied.

## HEALTH & SAFETY PRECAUTIONS

The Material Safety Data Sheet (MSDS) must be read and understood prior to use.

## STORAGE

Store in original unopened packaging in dry conditions between +5°C and +25°C.

## SHELF LIFE

12 months when stored as recommended in original unopened packaging.

## TECHNICAL SERVICE

TREMCO has a team of qualified Technical Sales Representatives. For more detailed information or service and advice call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

## GUARANTEE/WARRANTY

TREMCO products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with TREMCO written instructions and (b) in any application recommended by TREMCO, but which is proved to be defective, will be replaced free of charge.

Any information provided by TREMCO in this document in relation to TREMCO's goods or their use is given in good faith and is believed by TREMCO to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. TREMCO makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.