

# TREMproof® 3000

## APP MODIFIED TORCH APPLIED MEMBRANE

### Key Benefits Summary

- ☐ Unique formulation, suitable for both high and low temperature service.
- ☐ 15 years proven track record.
- ☐ High strength, minimising risk of site damage.
- ☐ Resistant to hydrostatic pressure (up to 15m head of water) when correctly applied.
- ☐ Easy to apply in tight areas such as corners and penetrations

## PRODUCT INFORMATION

### DESCRIPTION

TREMproof® 3000 is an APP modified bituminous torch applied waterproofing membrane.

### USAGE/PURPOSE

Waterproofing of;

- ☐ Retaining walls.
- ☐ Plaza decks.
- ☐ Balconies.
- ☐ Terraces.
- ☐ Planter boxes.
- ☐ Roofs.
- ☐ In single layer application.
- ☐ Multilayer applications with TREMproof® BS3 base sheet.

### LIMITATIONS

- ☐ Not to be used as an exposed membrane system.

### PACKAGING

- ☐ 1m wide x 10m long rolls.

## TECHNICAL INFORMATION

### COMPOSITION

TREMproof® 3000 is a heavy duty, 180g/m<sup>2</sup> high strength non woven polyester mat, impregnated and coated with a tough APP polymer modified bitumen compound.

### CHARACTERISTICS

- ☐ CARRIER  
180g/m<sup>2</sup> (minimum) non woven stabilised polyester.
- ☐ TOTAL THICKNESS  
3mm (nominal)

- ☐ ROLL LENGTH  
10m
- ☐ ROLL WIDTH  
1m
- ☐ SURFACE  
Silica sand
- ☐ BASE  
Torch off perforated polypropylene film
- ☐ SELVAGE EDGE  
75mm

### PERFORMANCE (Typical Properties)

- ☐ COATING RING AND BALL (AS 2341-1980)  
>155°C
- ☐ COATING PENETRATION (AS 2341-1980)  
23-30
- ☐ MEMBRANE TENSILE STRENGTH (kg/5cm)  
(ASTM D 828-71)  
86MD
- ☐ MEMBRANE ELONGATION (ASTM D828-71)  
50%
- ☐ MEMBRANE RESISTANCE TO PUNCTURE  
(ASTM E154/79)  
1155N maximum load
- ☐ MEMBRANE PENETRATION (ASTM E154/79)  
36mm
- ☐ MEMBRANE WATER VAPOUR PERMEABILITY  
PROCEDURE B (ASTM E96-80)  
Nil

NOTE: Typical Properties should not be used as Specifications.

## USAGE GUIDELINES

### SUBSTRATE PREPARATION

- ☐ All concrete and masonry surfaces shall be cured for a minimum of 28 days.
- ☐ All voids must be filled and all protrusions removed prior to application.
- ☐ Concrete curing aids should be clear, resin based compounds that are UV degrading and do not contain oils, waxes or pigments.
- ☐ Substrate should be broomed clean, free from loose aggregate, form release agents and other contaminants.
- ☐ Concrete should have a smooth wood float finish.
- ☐ Brick or masonry substrates should be rendered to a fine, smooth finish.



# TREMproof® 3000

## APPLICATION

- ☐ All substrates must be primed with TREMCO Bitumen Primer (based on R105/15 bitumen) at a rate of 6 to 8m<sup>2</sup>/litre.
- ☐ Torch apply one layer of TREMproof® 3000, maintaining side laps of 75mm and end laps of 100mm. Fully heat weld sheet to the primed substrate.
- ☐ Ensure that all laps are fully heat welded and finished with a heated spatula.

## SURFACE FINISHING AND MEMBRANE PROTECTION

- ☐ Appropriate surface finishes include concrete poured in situ, pavers on pads, drainage slabs, quarry tiles, brick pavers, gravel, mastic asphalt and landscaping.
- ☐ A slip sheet of heavy duty builder's plastic must be installed between the membrane and any solid topping.
- ☐ An approved membrane protection board should be installed over the membrane prior to backfilling or covering the system with gravel.

## HEALTH & SAFETY PRECAUTIONS

- ☐ The Material Safety Data Sheet (MSDS) must be read and understood prior to use.
- ☐ Bituminous Primer is solvent based and must be used with adequate ventilation. Remove all naked flames and sources of ignition.
- ☐ Adequate ventilation is required to minimise exposure to bitumen fumes during torching process.

## STORAGE

Store in a dry place in an upright position in original 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.

TREMCO PTY LTD ABN 25 000 024 064  
Unit 1, 2 Park Rd, RYDALMERE NSW 2116 Australia  
Tel: (02) 9638 2755 Fax: (02) 9638 2955  
tremco@tremco.com.au