

# TREMproof® 4000M

## APP MODIFIED BITUMINOUS TORCH APPLIED MEMBRANE

### Key Benefits Summary

- Highly stable at elevated temperatures (temperature resistant to 140°C).
- 15 years proven track record.
- UV resistant mineralised surface.
- Easy to apply in tight areas such as corners and penetrations.

## PRODUCT INFORMATION

### DESCRIPTION

TREMproof® 4000M is an APP modified bituminous torch applied waterproofing membrane with mineralised surface.

### USAGE/PURPOSE

Waterproofing membrane for roofs and decks where:

- Membrane is exposed and may be subject to light maintenance traffic.
- Multi layer application with TREMproof® BS3 base sheet.

### PACKAGING

- 1m wide x 10m long rolls.

### LIMITATIONS

TREMproof® 4000M is not to be used for medium and heavy traffic areas.

## TECHNICAL INFORMATION

### CHARACTERISTICS

- CARRIER  
180g/m<sup>2</sup> (minimum) non woven stabilised polyester.
- TOTAL THICKNESS  
4mm (nominal)
- ROLL LENGTH  
10m
- ROLL WIDTH  
1m
- SURFACE  
Graded natural slate.
- 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 RESISTANCE TO PUNCTURE  
(ASTM E154/79)  
1155N maximum load
- MEMBRANE PENETRATION (ASTM E154/79)  
36mm

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.

### METHOD OF 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.
- First layer - Apply one layer of TREMproof® VBS (Ventilated Base Sheet) to the primed substrate. TREMproof® VBS is loose laid but may be spot torched.
- Second Layer - Torch apply TREMproof® 4000M, ensure that the membrane is fully heat



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welded to the layer beneath. Maintain minimum side laps of 75mm and end laps of 100mm. All side and end laps to be staggered in relation to those of the previous layer and finished with a heated spatula.

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## HEALTH & SAFETY PRECAUTIONS

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

## STORAGE

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

## SHELF LIFE

12 months when stored as recommended in original unopened containers.

## 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.