

TREMproof® 90

A TWO PART LIQUID APPLIED COPOLYMER MEMBRANE WITH FIBROUS REINFORCEMENT

Key Benefits Summary

- ☐ Simple application, water based
- ☐ Fast drying
- ☐ Tile in 24 hrs
- ☐ Good flexibility
- ☐ No reinforcement
- ☐ Seamless, no joints or cracks
- ☐ UV Stable
- ☐ Low odour, non toxic

PRODUCT INFORMATION

DESCRIPTION

TREMproof® 90 is a two part liquid applied co-polymer membrane with fibrous reinforcement.

TREMproof® 90 cures rapidly to form a flexible waterproof lining for showers and other wet areas as described in the Australian Standard A3740-1994 "Waterproofing wet areas within residential buildings."

TREMproof® 90 forms a waterproof lining to most building materials including reinforced concrete, cement render, water resistant plaster board, and fibre reinforced cement sheet flooring, etc. The surface must be firmly fixed to manufacturers direction, clean and dry.

TREMproof® 90 is suitable to external use on light pedestrian trafficable decks, parapets and flashings.

USAGE/PURPOSE

For waterproofing;

- ☐ Showers and wet areas
- ☐ Light traffic areas
- ☐ Tiles, decks and balconies

PACK SIZE

20 Kg powder + 20 Litres Liquid = 30 Litres mixed.

COLOUR

- ☐ Green

TECHNICAL INFORMATION

GENERAL

- ☐ **COVERAGE**
1.5 Litres/sq metre/1.2mm (Dry Film Thickness)
- ☐ **NUMBER OF COATS**
2-3
- ☐ **TOUCH DRY**
Approx 3 hours at 0.6mm DFT, 22 degrees C
- ☐ **COLOUR**
Green
- ☐ **CLEAN UP**
Water (before curing)
- ☐ **TOXICITY**
Non toxic
- ☐ **SOLVENT RESISTANCE**
Not resistant
- ☐ **WEATHER RESISTANCE**
Good
- ☐ **SHELF LIFE**
6 months in dry storage
- ☐ **MIX RATIO**
Powder 1Kg, Liquid 1litre
- ☐ **POT LIFE**
Use within 3 hours of mixing
- ☐ **PACKAGING**
(20litre liquid) + (20Kg powder) = 30litres mixed

NOTE: Typical Properties should not be used as Specifications.

USAGE GUIDELINES

SUBSTRATE PREPARATION

- ☐ Remove all dirt, dust, plaster and cement droppings, protrusions, oil and other contaminants. Fill screw holes.
- ☐ Apply a bond breaker tape (eg PVC duct tape) over sheet flooring joints. To the wall/floor junctions and the floor/hob, hob/wall joints within the shower tray, apply approx 8mm silicone or P.U. sealant or foam backing rod as a bond breaker. Apply sealant around floor penetrations, tap and rose plumbing and other discontinuities. Floor wastes in concrete shall be cut level with the floor. For sheet flooring, leak control flanges shall be fitted and fully sealed.



TREMproof® 90

- ❑ Cracks - non movement and hairline cracks may be filled with a brush coat of Tremproof® 90. Movement cracks shall be routed out, cleaned and filled with silicone sealant. Apply a reinforcing bandage embedded in Tremproof® 90 and allow to dry.

PRIMING

- ❑ Prime all surfaces with Tremproof® 90 WB Primer. External surfaces shall be primed with Tremproof® 100 primer.
- ❑ All metal surfaces are to be primed using a zinc rich primer.

METHOD OF APPLICATION

- ❑ Mixing - stir powder component into half the liquid until smooth, stand for 5 minutes, re-stir and add the balance of the liquid. DO NOT add water to mixture before or during use.
- ❑ Apply two or more coats of Tremproof® 90 to the floor and covered areas to ensure a minimum dry film thickness of 1.2mm. Apply one or two coats to wall areas above the shower tray to a dry film thickness of .5mm. Use brush of short nap roller for walls.

Ensure the membrane is turned down into the floor waste or well sealed around the leak control flange and other penetrations. Ensure flashing angles are properly sealed across doorways. Check for pinholes, missed or cracks in the membrane when dry and rectify.

PRECAUTIONS

Do not apply at above 35°C or below 6°C. Areas subject to rising damp or back pressure should be first sealed with an epoxy coating. Cold damp conditions retard cure - allow plenty of air flow to aid drying. Do not apply excessive thickness to internal corners or shrinkage cracking may occur. Make sure that the membrane is fully dry before tiling over, normally 1-3 days. Protect membrane against damage before and during tiling - very important on timber floors. Do not apply more than 1.2mm DFT per coat or reduced flexibility will occur.

Tremproof® 90 is suitable for tiling over. Use standard cement or water based tile adhesive. Do not use solvent based adhesives.

HEALTH & SAFETY PRECAUTIONS

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

STORAGE

Dry storage

SHELF LIFE

6 months in dry storage

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.