

# TREMproof 120

## HIGH BUILD FLEXIBLE BODYCOAT

### Key Benefits Summary

- High-build flexible bodycoat.
- Fibre-reinforced for additional strength.
- High adhesion properties and inbuilt durability.

## PRODUCT INFORMATION

### DESCRIPTION

TREMproof 120 is a flexible elastomeric water-borne acrylic material, fibre-reinforced for additional strength. Has high adhesion properties and in-built durability. May be self-priming in some roofing applications.

### USAGE/PURPOSE

TREMproof 120 is a high-build flexible bodycoat for waterproofing under tiles in bathrooms, shower recesses and laundries. TREMproof 120 is also for exterior use as a component of wall waterproofing systems and Roof Coating Membranes on Pitched Roofs. It is normally top coated when exposed for maximum properties and life.

### PACK SIZE

20 Litre plastic pails.

### COLOUR

Available in Grey. Special colour matching is available but may be subject to minimum batch quantities.

### PERFORMANCE (Typical Properties)

*Liquid Material:*

- VOLUME SOLIDS  
47%
- SPECIFIC GRAVITY  
1.28
- FLASH POINT  
None - waterborne system
- SHELF LIFE  
Three years in original sealed pails stored in cool dry conditions.

*Applied Film:*

- FLEXIBILITY  
Exceptional, with inbuilt elasticity to allow bridging of cracks which may move up to 0.5mm after product application.
- DURABILITY  
When overcoated with compatible products the excellent flexibility and elasticity properties will be maintained in excess of the life of the topcoat.
- CHEMICAL  
Very good for normal atmospheric pollutant. System resistance will depend on topcoat properties.
- FUNGUS RESISTANCE  
Contains a highly effective mould-resistance additive which does not contain toxic metals or phenols.
- THICKNESS  
180-230 microns when correctly applied at nominated spreading rates.

## USAGE GUIDELINES

### APPLICATION METHOD

- Brush:* Continental Whitewash Brush or similar. Small areas only straight from pail.
- Roller:* Long-nap or texture roller straight from pail. Requires experience to ensure correct coverage.
- Conventional Spray:* Large capacity nozzle combination (De Vilbiss 114-AC or similar). Will benefit from thinning approx. 10% (2 litres per 20 litre pail) with water.
- Airless Spray:* Straight from pail. Use a coarse line filter (20-30 mesh) and remove gun filter.

### APPLICATION SEQUENCE (Wet Area)

#### Concrete Roofs and Decks

- All concrete and masonry should be cured for 28 days.
- All cracks must be filled.
- All cracks greater than 1.5mm shall be filled with a cementitious repair material followed by a fibreglass strip embedded in TREMproof 120.

## TREMproof 120

- Concrete curing aids should be clear, resin based compounds that are UV degrading and do not contain oils, waxes or pigments. Check for residuals before commencing work.
- Substrates must be brushed clean and be free from loose aggregate, release agents and other contaminants.
- Substrate must be dry.

### Movement Joints

- All movement joints should be sealed using an approved TREMCO sealant.
- TREMproof 120 should not be applied across movement joints. It should be terminated at the edges with only the top coat carried across the joint if required.
- If sealants are used in non-movement joints the membrane may be taken across using a 150mm double thickness strip over the sealant bead.

### PRIMING

- If required use TREMproof 100 Primer in critical applications.
- For general use apply Tremco Solvent Sealer on concrete surfaces.

### Step 1

Apply a fillet of sand/cement or joint sealant at all upstands and penetrations.

### Step 2

Apply a coat of TREMproof 120 to the walls ensuring adequate coverage (brushing in cross directions is advisable).

### Step 3

Apply one coat of TREMproof 120 to the horizontal surface overlapping up the vertical surface at least 100mm.

### Step 4

A reinforcing fabric (225 split strand fibreglass matt) should be used at all upstands, hobs, penetrations and outlets. Embed the fibreglass reinforcement into the wet first coat ensuring that no bubbles or wrinkles are present.

### Step 5

Apply a second coat of TREMproof 120 once the first coat has been allowed to dry (approx. 1 hour depending on atmospheric/weather conditions). A 1.5mm dry film thickness at all upstands, hobs, penetrations and outlets is essential to system performance. Allow TREMproof 120 to dry prior to tiling.

### TOPCOAT

TREMproof 120 should always be topcoated with TREMproof 100 Colourglaze in exterior situations for maximum life.

### APPLICATION PROPERTIES

#### Spreading Rate:

1. High build waterproof system Bodycoat. 2.75-3.5<sup>2</sup> m/litre (55-65<sup>2</sup> m/20 Litre pail).

2. Roof membrane over stone coated tiles 2.0-2.5<sup>2</sup> m/litre (40-50<sup>2</sup> m/20 Litre pail). Note that on rough surfaces this may reduce to 1.5 m/litre.
3. Roof Membrane over primed asbestos-cement roofing 3<sup>2</sup> m/litre (60<sup>2</sup> m/20 Litre pail).

DO NOT SPREAD TREMproof 120 at more than 3.5<sup>2</sup> m/litre. This gives the minimum film build required to ensure effectiveness of elastomeric properties.

#### Dry Time:

Touch Dry: 2-3 hours  
Through Dry: 12-24 hours at normal conditions  
Full Cure: 7-10 days

### HEALTH & SAFETY PRECAUTIONS

- TREMproof 120 is a waterborne material and contains no mammalian-toxic substances. It is non-flammable and requires no special storage conditions other than protection from frost.
- However, we recommend the use of barrier cream on hands and safety spectacles when handling/applying this material and the use of a cartridge mask when spraying in confined spaces with poor ventilation.
- Note that although this product is fibre reinforced it does not contain asbestos.

### STORAGE

No special storage conditions other than protection from frost.

### MAINTENANCE

Topcoats should be checked for re-coating on a 7-10 year cycle for exterior use. Clean when required using low-pressure spray and a dilute neutral detergent solution (cold or warm, not hot).

If topcoats are renewed whilst film is still sound, the life of the system will be easily prolonged for further similar cycle periods.

### 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.

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