

Tremproof® 3000

APP modified bitumen 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 Description:

Tremproof 3000 is an APP modified bitumen torch applied waterproofing membrane.

Usage/Purpose:

- Retaining walls
- Plaza decks
- Balconies
- Terraces
- Planter boxes
- Roofs
- In single and two layer application

Limitations:

Tremproof 3000 is not to be used as an exposed membrane system.

Packaging:

1m x 10m roll.

Composition:

Tremproof 3000 is a heavy duty 180g/m², high strength, non woven polyester mat impregnated and coated with a tough APP polymer modified bitumen compound.

Characteristics:

Carrier:	180g/m ² non woven stabilised polyester.
Total thickness:	3mm (nominal)
Roll length:	10m
Roll width:	1m
Surface:	Silica sand
Base:	Torch off perforated polypropylene film.
Selva edge:	75mm

Note: Typical Properties should not be used as Specifications.

Substrate Preparation:

All concrete and masonry should be cured for a minimum of 28 days. All voids must be filled and all protrusions removed prior to application. Do not use curing aids containing oil, wax pigments or resins. Substrates should be clean and 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 fine, smooth finish.

Performance: (Typical Properties)

Coating ring & ball	(AS 2341-1980)	>155°C
Coating penetration	(AS 2341-1980)	23-30
Membrane tensile strength (kg/5cm)	(ASTM D828-71)	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

Application:

1. All substrates must be primed with **Tremco Bitumen Primer** (based on R105/15 bitumen) at a rate of 6 to 8 m²/litre.
2. Torch apply one layer of **Tremproof 3000** maintaining side laps of 75 mm and end laps of 100 mm. Fully heat weld sheet to the primed substrate.
3. Ensure that all laps are fully heat welded and finished with a heated spatula.

Surface Finishing & 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 polythene must be installed between the membrane and any solid topping. An approved membrane protection board should be installed over the membrane prior to back filling or covering the system with gravel.

Health And Safety:

Material Safety Data Sheet (MSDS) must be read and understood before use. **Tremco Bitumen 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 always in upright position in original packaging.

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 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, express or implied, are excluded.

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