

Tile-It Membrane

Cold Applied, Self-Adhesive Waterproof Sheet Membrane

Description

A special grade of Bituthene self-adhesive sheet membrane. It is a cold applied, non-hazardous, flexible waterproof barrier with a tough woven mesh surface.

Uses

As non-slip waterproof underlay and condensate barrier on plywood under thatch, shingles, tiles or metal sheeting. For copper, because of extreme heat build-up, use Grace Ultra. Use ventilation layer under zinc roofing. Also for waterproof membrane on concrete and FC sheet in wet areas, shower trays, balconies and roof decks that will be tiled.

Features

- Complies with **Green Star** requirements, has zero VOC
- No toxic or hazardous ingredients, non staining
- Designed to comply with the requirements of AS3740 and AS/NZS4858 for Class III membranes
- Immediate access for finishes
- No wicking of water through surface layer
- Guaranteed uniform thickness
- Self-sealing to minor punctures
- Permanently flexible, durable membrane

Typical Properties

Composition	Fabric mesh & rubber bitumen compound
Colour	Black
Thickness	1.0 mm and 1.6mm
Softening Point (compound)	>107°C
Elongation (ASTM D412)	100%
Tensile Strength	40,000 kN/m ²
Permeance (ASTM E96)	3 g/mm/m ² /24 hrs
Puncture Resistance	900N

Preparation

Surfaces must be sound, smooth and free from all contaminants. Use PU sealant to fill joints, form fillets at corners or penetrations.

Application

Detail all turn-ups, outlets, penetrations with Bituthene Liquid Mastic Membrane. Apply Bituthene Primer at 5-7 m²/litre to bare surface and allow to dry. Primers not required if applied to clean, dry plywood.

- Peel back release paper 300mm and press onto primed surface or clean dry plywood.
- Smooth by hand from centre to edges.
- Pull release paper away progressively while smoothing firmly onto surface.
- Lay Tile-It membrane from low point to high-point, so that the overlaps shed water.
- Use 65 mm side and end laps - roll firmly.
- For all waterproof membrane use, seal edges, overlaps, cuts and penetrations with Bituthene Mastic.

Surfacing

- Roof Cover – install directly.
- Concrete or paving slabs on mortar bed - use 0.2mm PE slip-sheet.
- Fix ceramic tiles with Chem-Fix Super 2 Pk adhesive.

Coverage & Packaging

- Tile-It 1mm - 30m² roll, allow 10% waste
- Primer – 20lit pail, allow 8 – 10 m²/litre
- Mastic – 15lit pail, allow 1 pail/5 rolls

Shelf Life

Tile-It Self-Adhesive Membrane will keep indefinitely when stored in a cool dry place.



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