



# WM10

## WATER BASED FIBRE ENHANCED MEMBRANE FOR UNDER TILE WATERPROOFING

### Product Overview

WM10 is a fibre enhanced, flexible and elastomeric waterproof membrane suitable for a range of under tile waterproofing applications.

Based on high performance polymer technology, WM10 is an easy to use, 1 component solvent free membrane that displays excellent adhesion properties over building substrates including concrete, masonry, renders, cement and wet area sheet surfaces and plaster board surfaces. With outstanding water-resistant properties and fully compatible with polymer modified cement-based tile adhesives, screeds and renders, WM10 is ideally suited as a general-purpose wet area membrane.

WM10 meets the requirements of:

- ✔ AS/NZS 4858:2004 *Wet Area Membranes as a Class III membrane*
- ✔ AS3740: 2021 *Waterproofing of Wet Areas Within Residential Buildings*

### Product Features

- Fibre enhanced
- Elastomeric and flexible
- High tensile strength
- Will not re-emulsify under permanently wet conditions
- Outstanding low water vapour transmission properties
- Excellent adhesion to surfaces
- Compatible bonding properties for tile adhesives, screeds and renders
- Solvent free and non-hazardous,
- Low VOC

### Typical Applications

- Wet areas and shower alcoves
- Podiums, terraces, balconies and deck areas
- Waterproof seal between existing and new substrates, e.g. old to new concrete; cement screeds over concrete, CFC; renders onto existing wall surfaces
- Waterproofing applications requiring high vapour barrier properties

### Priming

A water-based primer is required to seal the pores and stabilise the surface which will enhance the bond strength of the membrane. Read the primers TDS carefully to ensure you have the correct primer for your substrate. For general internal waterproofing over a porous substrate consider TWS – GP21 General primer, TWS - NP23 Non-Porous Primer for smooth, non-porous metal or plastic surfaces & for substrates subject to excess moisture or rising damp, refer to TWS – VP22 Vapour Primer or TWS – EP25 Epoxy Primer.

### General Application Details

- Surfaces must be clean, dry, suitably prepared and in a sound state prior to beginning the application
- WM10 requires a suitable bond breaker at all substrate junctions. TWS - Butyl Waterproofing Tape is recommended to be used or equivalent bond breaking methods compliant with local waterproofing standards and building recommendations
- WM10 membrane should be lightly stirred before using, and can be applied to both vertical or horizontal surfaces using a roller or brush
- Apply WM10 to the surface in a two-coat application at a coverage rate of 750mL/m<sup>2</sup> per coat 1.5L/m<sup>2</sup> (based on a two-coat application) for a dry film thickness of roughly 1mm
- Allow a minimum of 4 hours between coats, to ensure proper bonding do not wait more than 48 hours before applying additional coats
- Prior to a 2<sup>nd</sup> coat, a close visual inspection should be made for any pinholes or irregularities



# WM 10

## WATER BASED FIBRE ENHANCED MEMBRANE FOR UNDER TILE WATERPROOFING

### Important Notes

- WM10 is not designed for use as an exposed membrane
- Only use polymer modified cement-based tile adhesives for direct adhesion to the membrane
- Acrylic or SBR bonding agents are recommended for applications of screeds and renders directly over the membrane
- Best storage conditions are in a dry area at room temperature, avoiding humidity and frost
- Product while in a wet state will clean up with water. Once dried product will need to be removed mechanically or by solvent

### Packaging

- 15 Litre Pail
- 5 Litre Pail

### General Technical Data

Drying times	
Recoat	4 hours
Dry film	12 hours
Tiling/topping	24 hours
Flood testing	7 days

*\*Based on normal ambient temperatures of 23°C*

Physical Properties	
Specific Gravity	1.28kg/litre
Solids content	>78%
VOC	<85ppm
Appearance	Highly viscous paste
Elongation	460%
Tensile Strength	>1.1MPa
Adhesion to primed concrete	>1.85MPa
Water Vapour Transmission	0.10g/24h/m2
Shore A Hardness	68

### Contact Details

TOTAL WATERPROOFING SUPPLIES CORPORATE PTY LTD  
Telephone: +61 (2) 4940-3000  
Email: [sales@totalwaterproofingsupplies.com.au](mailto:sales@totalwaterproofingsupplies.com.au)

#### Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Total Waterproofing Supplies does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.