



P 1300 662 514  
F 1300 662 517  
E [hpma@bigpond.com](mailto:hpma@bigpond.com)  
Unit18,38 Powers Road, Seven Hills,NSW 2147  
[www.hpma.com.au](http://www.hpma.com.au)

## HPM-MEGAFLEX

### Premium Grade Membrane

#### Product Overview

HPM-MEGAFLEX is an elastomeric, Class 111 premium Grade fibre reinforced waterproof membrane based on high performance polymer technology. Designed for a range of under tile waterproofing applications HPM-MEGAFLEX offers excellent adhesion properties and outstanding low water vapour transmission properties. Fully compatible with polymer modified cement-based tiles adhesives, screeds and renders.

#### Product Features

- Elastomeric and flexible
- Fibre reinforced
- Tough, durable finish
- Class III membrane as per AS4858 and AS 4654.1
- Once cured will not re-emulsify, handles permanently wet conditions
- Outstanding low water vapour transmission properties
- Excellent adhesion to surfaces
- Compatible bonding properties for tile adhesives, screeds and renders
- Solvent free, non-hazardous

#### Typical Applications

- All wet areas
- Podiums, terraces, balconies and deck areas
- Sandwich seal between existing and new substrates, e.g. old to new concrete; cement screeds over concrete, Compressed Fibro and renders onto existing wall surfaces
- Waterproofing applications requiring high vapour barrier properties

#### General Application Details

- Surfaces must be clean, dry, suitably prepared and in a sound state prior to beginning the application.
- Substrates are recommended to be primed before applying the membrane. There are a range of Aldridge primers suitable for a variety of substrates and applications, please refer to primer list.
- As a wet area membrane HPM-MEGAFLEX requires a bond-breaker at all movement joints, junctions and abutments. The Aldridge approved Bond-breaker Detailing Tape is recommended to be used or equivalent class III bond breaking methods compliant with local waterproofing standards and building recommendations
- HPM-MEGAFLEX membrane should be lightly stirred before using, and can be applied to both vertical or horizontal surfaces using a roller or brush
- A minimum of 2 coats is recommended to be applied, at a minimum coverage of 1.5 litres/m<sup>2</sup> for general wet area applications.

# ALDRIDGE

Aldridge Corporation Pty. Ltd.

## High Performance Membranes

P 1300 662 514

F 1300 662 517

E [hpma@bigpond.com](mailto:hpma@bigpond.com)

Unit18,38 Powers Road, Seven Hills,NSW 2147

[www.hpma.com.au](http://www.hpma.com.au)

### Important Notes

- HPM-MEGAFLEX is not designed for use as an exposed membrane
- Polymer modified cement-based tile adhesives are recommended 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 by mechanical means or with solvent cleaners.
- HPM-MEGAFLEX comes with a 10-year product warranty

### Primer

- Porous substrates must be primed with HPM-Hydrostop water-based epoxy or HPM-Multiprimer.
- Damp substrates & Scyon sheeting must be primed with HPM-Hydrostop epoxy primer.
- All non-porous surfaces including PVC and aluminium angles must be primed with HPM-Hydrostop.

### Coverage

**Internal Wall Floor Junction/External Floors:** to ensure minimum DFT (dry film thickness) of 1.0mm-1.2mm, product to be applied @ 700 microns WFT (Wet Film Thickness) per coat over a minimum of 2 coats to achieve 1.5mm total WFT.

**Walls:** to be applied @ 400 microns WFT over a minimum of 2 coats to achieve required DFT of 0.6mm

Drying times are:

Recoat - 4 hours  
Dry film - 12 hours  
Tiling/toppings – 24-48 hours  
Flood test – 7 days

*Based on normal ambient conditions of 23°C and 50% RH*

### General Technical Data

#### Wet Form

- Specific gravity of mixed product: **1.3kg/litre**
- Solids content: **65%**
- Appearance: **Highly viscous; colour options available**

#### Cured membrane

- Elongation: **>400%**
- Adhesion to concrete (primed): **>1MPa**
- Tensile Strength: **>1.1MPa**
- Water vapour transmission: **0.5g/24h/m<sup>2</sup>**
- Shore A hardness: **68**

### Contact Details

ALDRIDGE CORPORATION AUSTRALIA PTY LTD

Telephone: +61 (2) 9674-9572

Email: [hpma@bigpond.com](mailto:hpma@bigpond.com)

### Product disclaimer

This Product Data Sheet (PDS) 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 PDS 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. Aldridge Corporation does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether in accordance with any advice, specification, recommendation or information given by it.