



# WPM 125

## Single component liquid waterproof membrane

### DESCRIPTION

WPM 125 is a single component, ready to use, liquid applied elastomeric waterproof membrane. WPM 125 comprises of special blend of copolymers and additives to provide an excellent, seamless, flexible and quick - drying waterproofing membrane.

WPM 125 is an ideal waterproof and protection coating for absorbent substrates like gypsum fibre boards, plaster boards, cement boards, screeds, renders, cementitious levelling compounds, concrete etc.

### USES

WPM 125 is suitable for waterproofing (concealed) application for the following areas:

- Wet areas
- Kitchens
- Balconies
- Dry walls e.g, gypsum and cement boards etc.
- Underlayment to Walkways, terraces, planter boxes

### FEATURES

- Single component: ready to use
- Fast drying
- Flexible: accommodates minor cracks
- Water based: low odour and safe to use in closed environments
- Excellent bond with cementitious substrates
- Seamless membrane

### PHYSICAL PROPERTIES

| WPM 125                                 | @ 27 ± 1°C                             |
|---|--|
| Product Type                            | Water based                            |
| Density                                 | approx. 1.60 g/cc                      |
| Elongation at Break<br>ASTM D 412 2016  | > 150% @ 7 days                        |
| Tensile Strength<br>ASTM D 412 2016     | approx. 1.2 N/mm <sup>2</sup> @ 7 days |
| Adhesion Bond Strength<br>ISO 4624 2016 | > 1.0 N/mm <sup>2</sup> @ 7 days       |
| Shore A Hardness<br>ASTM D 2240 2015    | 40                                     |
| Crack Bridging<br>ASTM C 1305           | No cracks observed                     |
| Water Permeability                      | Nil                                    |
| Recoat interval                         | 60 - 120 minutes                       |
| Drying Time                             |  |
| Tack free                               | approx. 1 hour                         |
| Trafficable time                        | 8 hours                                |
| Full cure                               | 48 hours                               |

Application temperature 5°C to 40°C

Service temperature 0°C to 45°C

VOC 4.6%

### COVERAGE ESTIMATES

| Pack size              | Coverage   |
|------------------------|--|
| WPM 125 Primer<br>5 kg | approx. 32 - 35 m <sup>2</sup>   |
| WPM 125<br>20 kg       | Approx. 18m <sup>2</sup> in 2 coats @<br>0.35 mm WFT per coat The<br>DFT in 2 coats is<br>approximately 0.5 mm |

### APPLICATION INSTRUCTIONS

#### Surface Preparation

The surface to be treated must be dry, clean, structurally sound, free from oil, grease, wax, polish, laitance, dust and other barrier materials. New substrate shall be allowed to cure as per standard procedure.

All cracks, construction joints, pipe penetration, bore packing and corners shall be treated prior to application of waterproofing membrane.

#### Priming

Apply WPM 125 Primer on the prepared substrate to seal off porosity and improve the substrate and allow to dry for approx. 60 minutes

#### Application

Stir WPM 125 manually before application. Using a brush, roller or spray, apply WPM 125 on the primed surface. While the coat is still wet, Deckweb/Sealing tape should be placed on all corners, floor/wall junctions, pipe penetrations and other critical areas ensuring no air is entrapped and allow to dry. Apply 2nd coat of WPM 125 on the entire surface and allow it to cure for 4 hours before laying the screed/protection plaster/tiling.

### CLEANING

Wash hands, brushes, rollers, etc with water while the material is still fresh. Remove cured material mechanically.

### STORAGE AND SHELF LIFE

WPM 125 has a shelf life of 12 months if kept in a dry, clean store between 5°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.

### PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing

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protective gloves and by using, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water. Prolonged contact with the skin should be avoided. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

### DISPOSAL/SPILLAGE

Spillage of the product should be absorbed onto sand or other inert materials and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

For further information please refer to the Material Safety Data Sheet.

### CONDITIONS OF SALE

Sold subject to the Company's conditions of sale which are available on request.

### NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products. However, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.



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