



ARDEX WPM 801

Fast-drying High-Performance Primer For Polyurethane Membranes

Does not contain TDI, MOCA, bitumen or tar based compounds

Excellent adhesion to a wide range of surfaces

Water resistant, protects the substrate in the event of interruption
by wet weather

Minimises outgassing effects of porous substrates

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ARDEX WPM 801

Fast-Drying High-Performance Primer For Polyurethane Membranes

PRODUCT DESCRIPTION

ARDEX WPM 801 is a fast drying, single-component, polyurea-modified, resin-based primer that penetrates and seals concrete, masonry, plywood and many other surfaces. ARDEX WPM 801 imparts a surface finish that is particularly receptive to urethane-based sealants and other high performance coatings such as ARDEX WPM 812 and ARDEX WPM 813.

FEATURES

- Does not contain TDI, MOCA, bitumen or tar based compounds
- Excellent adhesion to a wide range of surfaces
- Suitable as a primer for sealants and coatings subjected to immersion in water
- Water resistant, protects the substrate in the event of interruption by wet weather
- Minimises outgassing effects of porous substrates

TYPICAL APPLICATIONS

- To prepare surfaces for the adhesion of urethane based sealants and other high performance coatings
- To promote inter-coat adhesion between new and existing coatings

APPLICATION

Surface preparation

Surface must be structurally sound, clean, dry and free from curing agents, oil, grease and any other contaminants. Concrete should be cured for 28 days and have a maximum of 5% moisture content. Repair defective concrete and patch uneven or low areas that may hold water with an appropriate ARDEX Patch Repair Mortar. Seal all joints, cracks and gaps and form angle fillets to internal corners and penetrations with an appropriate ARDEX Sealant or Crack Repair product.

Application Equipment

ARDEX WPM 801 is formulated for application by brush, roller or airless spray.

Environmental Conditions

The following conditions must be achieved prior to and maintained during application of the primer.

Substrate Temperature	10°C - 35°C
Ambient Temperature	10°C - 35°C
Relative Humidity	85% maximum

COVERAGE

On concrete substrates application rate will typically be at 6-10m²/L per coat. More than one coat may be required depending upon porosity of the substrate. For high density steel trowelled substrates, to increase substrate penetration, the primer may be diluted by the addition of up to 10% xylene solvent.

PACKAGING

ARDEX WPM 801 is supplied in a metal can weighing 18kg.

CLEAN UP

Spills or product leakage should be removed using solvents such as xylene, MEK or acetone before hardening. Exercise care when using solvent. Review all SDS before use. Once primer has been allowed to cure, removal may require mechanical abrasion techniques.

SHELF LIFE

ARDEX WPM 801 has a shelf life of 12 months when stored in the original, unopened packaging in a dry place at 23°C and 50% relative humidity.

Pay attention to the following

Installers must have full awareness of the material safety requirements before any work is undertaken. ARDEX WPM 801 contains a polyamine component which is a mild irritant. Avoid contact with skin or eyes. The isocyanate component contains methylenebisphenyl diisocyanate (MDI) which is an irritant and may cause an allergic reaction in those susceptible. Avoid breathing vapours. Spray applications must occur in areas with adequate ventilation. Suitable organic vapour respirations or air fed hoods must be worn during spray operations

SAFETY DATA

If affected by vapour remove from contaminated area. If swallowed do not induce vomiting, give plenty of water or milk. Seek medical attention. If splashed in eyes flush with water immediately.

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TECHNICAL DATA

Colour	Light yellowish liquid
Viscosity (at 25°C, cps) ASTM D2196	60 – 100
Drying time (hours)	3 - 4 hrs @ 10 - 15°C 1 - 2 hrs @ 15 - 25°C 1.5 - 1 hr @ 25°C
Shore A Hardness	90
Application Window Maximum exposure	12 hrs
Application Rate/coat	6 - 10m ² /L
Rec. Application Temp	10 - 35°C
Water Absorption max	24 hrs @ 23°C - 0.06%

Values provided above are typical average figures achieved in laboratory testing. Actual values achieved in on-site conditions may vary slightly.

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program.

Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations.

The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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