



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

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SAFETY DATA

This product may cause irritation and an allergic reaction to the skin. Flammable liquid and vapour. It may cause serious eye injury and irritation to the respiratory system. Harmful if in contact with skin. Harmful if inhaled.

May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing cancer. May cause drowsiness or dizziness. Harmful to aquatic life. In case of contact with the eyes rinse with running water until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Wear protective gloves, clothing, eye and face protection. Avoid inhaling dust/fumes/gas/mist/vapours/spray. Ensure adequate ventilation during mixing and application. Store locked up. Check with your local Council regarding the disposal of contents, dispose of packaging thoughtfully and recycle where possible. Keep out of the reach of children. Call the Poisons Information Centre on 131 126 (AUS) and 0800 764 766 (NZ) or call a doctor if you feel unwell. Additional information is in the Safety Data Sheet (SDS) at www.ardexaustralia.com

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
	0.5 - 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

GUARANTEE

ARDEX Australia Pty Ltd (“we” or “us”) guarantees this product (“our goods”) is free from manufacturing defects and will perform to any applicable specification published by us for 10 years from the date of purchase. Our liability under this guarantee is limited at our option to replacement of the product, repair of any damage to the immediate surface or area of application of the product, or compensation, in each case if we are satisfied loss or damage was due to a breach of this guarantee. This guarantee does not apply if damage or loss is due to failure to follow published instructions or any act or circumstance beyond our control, including shade variations and efflorescence. If you wish to make a claim under this guarantee you must notify us (ARDEX Australia Pty Ltd, 20 Powers Road Seven Hills NSW 2147; Toll Free: 1800 224 070; Email: technicalservices@ardexaustralia.com) and provide evidence of your purchase of the product within 30 days of any alleged loss or damage occurring. We reserve the right to ask you for satisfactory evidence of any alleged loss or damage. Any claim under this guarantee is at your cost. This guarantee is in addition to any rights or remedies you may have as a “consumer” under the Australian Consumer Law and to that extent you need to be aware that: “Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss of damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure”.

DISCLAIMER

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