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# ARDEX WPM 368

## Single Component Barrier Coating

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Built in mechanical key, sand blinding not required

Suitable for under membranes, tiles, and floor levellers

Excellent adhesion to most substrates including damp surfaces and green concrete

Suitable as an incontinence barrier to concrete floors prior to carpet and carpet tile installation

Can be used as a general purpose primer, as a moisture barrier, and within hydrostatic applications

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## Single Component Barrier Coating

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### PRODUCT DESCRIPTION

ARDEX WPM 368 is a single component acrylic copolymer moisture barrier that can prevent rising damp, efflorescence, and resist negative hydrostatic pressure. ARDEX WPM 368 has excellent adhesion to most substrates including masonry, concrete block, concrete, stone and is simple to use by brush, roller, or airless spray machine.

### FEATURES

- Single component – ready to use
- Safe to use, low odour with ease of cleanability
- Built in mechanical key, sand blinding not required
- Can be applied to damp surfaces and green concrete

### USES

- As a low water vapour transmission coating and as a barrier/seal coating over freshly laid or damp concrete.
- As a hydrostatic pressure resistant moisture barrier to prevent water seepage or dampness penetration through to the interior of walls and floors.
- As a moisture barrier over freshly laid hardened (green) concrete, prior to the application of conventional levelling compounds, carpet and tile adhesives.
- As a barrier seal coating over damp, green or efflorescence prone substrates prior to overcoating with conventional building coatings.
- As a primer for ARDEX Liquid Applied Waterproofing Membranes and ARDEX Tile Adhesives in specific applications.
- When masonry or concrete substrate moisture content is measured at greater than 80% relative humidity (ASTM F2170) or exceeds 15g/m<sup>2</sup>/24hrs (ASTM F1869), a minimum two coats of ARDEX WPM 368 must be the nominated primer/coating. This is typically equivalent to 5% or greater moisture content from a digital non-destructive moisture meter, however Australian Standards must be followed. For other types of environments please contact ARDEX Technical Services (technicalservices@ardexaustralia.com).

### SUBSTRATE PREPARATION

By way of mechanical methods and vacuum cleaning as necessary, remove all dirt, dust, curing compounds, oils, grease, surface sealers, existing coatings, and any other contaminants prior to membrane application. Prepare surface to leave sound, clean, dry, free from sharp edges, loose or other materials which may damage the coating.

Damaged concrete between 2mm - 30mm can be treated with ARDEX A 46. Spalling concrete must be treated accordingly with the ARDEX Concrete Repair range such as ARDEX BR 345, please review the respective product data sheets on treating spalling concrete.

### APPLICATION

When the product is to be applied to dry or highly porous surface, spray the surface with a fine mist of water prior to application. Any free standing water must be removed prior to application.

Apply the product using a brush, roller, or spray to achieve coverage and finish using a long nap roller taking care to achieve required coverage. Recoat time is 2 – 4 hours (@ 23°C/50% R.H.).

A one coat application is generally used as a primer for subsequent ARDEX Levelling, Tiling, and Liquid Applied Membrane products.

A two coat application is generally used as a moisture barrier (efflorescence and rising damp requirements) or negative side (hydrostatic pressure) applications.

For airless spray applications, please consult the spray machine manufacture for suitable spray equipment.

#### Tiling applications

Substrates such as screeds and renders should be normally allowed to dry for 7 days prior to the fixing of ceramic tiles. Alternatively, ARDEX WPM 368 can be applied by brush or roller application at a coverage rate of 3m<sup>2</sup>/L or 0.3mm per coat (WFT). Broadcast sand is not required.

Tiling can commence after 24 hours cure (@ 23°C/50% R.H.) of final coat, although should not exceed a maximum of five days.

#### Flooring applications

ARDEX WPM 368 can be applied by brush or roller application at a coverage rate of 3m<sup>2</sup>/L or 0.3mm per coat (WFT). Broadcast sand is not required.

Two coats must be applied at 3m<sup>2</sup>/L or 0.3mm per coat (WFT) for moisture barrier or rising damp requirements.

#### Membrane applications

ARDEX WPM 368 can be applied by brush or roller application at a coverage rate of 3m<sup>2</sup>/L or 0.3mm per coat (WFT). Broadcast sand is not required.

Two coats must be applied at 3m<sup>2</sup>/L or 0.3mm per coat (WFT) for moisture barrier or rising damp requirements.

### DRYING TIME

ARDEX WPM 368 must be allowed to cure for 24 hours minimum (@ 23°C/50% R.H.) before applying ARDEX Tile Adhesives, Levellers, Coatings, or Membranes. Care must be taken to ensure the product is not damaged during subsequent applications.

### COVERAGE

3.0m<sup>2</sup>/L per coat (0.3mm per coat WFT).

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Coverage rate may vary depending on application technique.

### TECHNICAL DATA

| CHARACTERISTICS           | TEST METHOD | NOMINAL VALUES              |
|---------------------------|-------------|-----------------------------|
| Colour                    |             | Grey                        |
| Solids Content            |             | 50%                         |
| Water Vapour Transmission | ASTM E96    | 0.73g/m <sup>2</sup> /24hrs |

### PACKAGING

20kg drum

### CLEAN UP

Clean all equipment with water and detergent prior to the product drying. Once product has been allowed to cure, removal may require mechanical methods.

### STORAGE

ARDEX WPM 368 has a shelf life of 12 months when stored in original unopened packaging, in a dry place at 23°C and 50% R.H.

### LIMITATIONS

ARDEX WPM 368 is not designed for UV exposed applications. Do not apply ARDEX WPM 368 if ambient temperature and or substrate temperature is below 10°C or above 35°C - curing time will also be adversely affected in situations where relative humidity is >85%. Do not add solvent or water to product. Do not apply if rain is imminent. Not suited for trafficable or potable water applications.

Before any substrate preparation, installation or finishing methods relating to ARDEX product are undertaken, please be aware of any potential risks and use appropriate PPE (personal protective equipment). This may involve contacting substrate manufacturers for Safety Data Sheets.

### SAFETY DATA

Causes serious eye damage. Suspected of causing genetic defects. May cause cancer. Suspected of damaging fertility. Suspected of damaging the unborn child. Harmful to aquatic life with long lasting effects. Causes skin irritation. Wear protective gloves, protective clothing, eye protection and face protection. Avoid release to the environment. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/ attention. IF ON SKIN: Wash with plenty of water. Dispose of contents/ container to authorised hazardous or special waste collection point in accordance with any local regulation. Additional information found in the Safety Data Sheet (SDS) at [www.ardexaustralia.com](http://www.ardexaustralia.com).

### 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, 2 Buda Way Kemps Creek NSW 2178; Toll Free: 1800 224 070; Email: [technicalservices@ardexaustralia.com](mailto: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 or 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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This data sheet was issued in February 2025 and is valid for 3 years, in some instances a newer version may be published. Always refer to [www.ardexaustralia.com](http://www.ardexaustralia.com) for the latest technical data from ARDEX Australia Pty Ltd.