



ARDEX MPP

Multipurpose Adhesive Powder for Floor and Wall Tiles

Fast drying – grout after 4 to 6 hours

White in colour - Perfect for translucent tiles

High Yield

Internal Wall and Floor Applications

Use on a range of substrates and ARDEX Waterproofing membranes

Suitable for a range of tile types including ceramic, fully vitrified, porcelain and mosaics

Low VOC content - meets Green Building Council of Australia Green Star IEQ-13 requirements



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ARDEX MPP

Multipurpose Adhesive Powder for Floor and Wall

DESCRIPTION

ARDEX MPP is a cementitious mastic ceramic tile adhesive. It combines the properties of a mastic adhesive with a cement based adhesive.

APPLICATIONS

ARDEX MPP is especially suited to applications requiring minimum delay between the tiling and grouting operations and is ideal for translucent tiles such as marble (excluding moisture sensitive stone) and glass mosaics in internal wall and floor applications. ARDEX MPP exceeds the requirements of Australian Standard ISO 13007.

SUBSTRATES

Refer to the section on Surface Preparation. Contact ARDEX if other substrate are encountered.

FOR FIXING (TILE TYPES)

Suitable for most tiles including non moisture sensitive natural stone, porcelain, mosaics, fully vitrified and ceramic tiles.

SURFACE PREPARATION

Surfaces must be consistently flat and firmly fixed. Clean off dust, oil, grease and all loose contamination materials. Ensure surfaces are dry before tiling, with no residue or permanent damp. Prime porous surfaces with ARDEX Multiprime.

Cement Render Walls

Render to consist of one part cement to three or four parts sand. Leave the render with a wood float finish to establish a mechanical key. Allow render at least 7 days to cure prior to tiling. It should be approximately 10mm thick. Prime with ARDEX Multiprime.

Fibre-Cement Sheeted Walls

Fix according to the manufacturer's instructions, making sure the surface is completely clean.

Plasterboard Walls

Do not require priming. However when jointing compound is used, prime joints with ARDEX Multiprime.

ARDEX Liquid Applied Waterproofing Membranes

Waterproofing must be applied according to instructions and thoroughly dry prior to tiling. Ensure membrane is suitable for tiling over.

Concrete Floors

Concrete floors should have a wood float finish. Allow at least four (4) weeks for concrete to cure prior to tiling. Screeds must be at least seven (7) days old. The surface shall be true and level and pitched to drains where required. Remove any concrete sealers or curing compounds from the surface, e.g. chlorinated rubber, resin, wax sealers. Steel trowel finished concrete should be roughened mechanically to remove laitance and provide a good key for tiling.

Existing Ceramic Tiles (Internal Dry Areas)

The old tiles must be firm and stable. Roughen the surface of the old tiles by mechanical means and clean off contamination and dust before tiling. Ensure that at least 80% of the glaze is removed.

MIXING

Use approximately 6 litres of water per 20kg of ARDEX MPP.

- Add powder to clean water in clean container and mix to thick creamy consistency.
- Allow to stand for 2 minutes.
- Re-stir the mixture thoroughly and the adhesive is ready or use for up to 2 hours at 23°C and 50% humidity. Do not use additional water.

APPLICATION

Tiling practices must be in accordance with AS3958. Use the appropriate notched trowel to achieve 100% coverage. As a general guide, use a 6 x 6 x 6mm trowel on walls, 10 x 10 x 10mm trowel on floors.

Before fixing tiles, ensure the back of the tiles are free from dust.

Spread approximately one square metre at a time ensuring that a skin has not developed prior to bedding the tiles. Do not apply ARDEX MPP at a bed thickness greater than 6mm or less than 1.5mm.

Press and slide the tile at right angles to the notch pattern to ensure 100% coverage on the back of the tile.

Lift a tile from time to time to check that there are no voids beneath the tile. Do not spot fix tiles. Any surplus adhesive must be removed from the surface of the tile and joints, before the adhesive sets.

Allow adhesive to set firm (4-6 hours) before grouting. Light pedestrian traffic may be allowed after 24 hours, depending on temperature and surface porosity.

DRYING TIMES

Approximately 4-6 hours, at 23°C and 50% relative humidity. Allow longer for dense tiles/substrates, humid climates and low temperatures.

GROUTING

Grouting can proceed once the tile bed has hardened sufficiently so that tiles will not be dislodged. Grouting and traffic may be allowed after approximately 24 hours at 23°C and 50% relative humidity. Allow longer for dense tiles/substrates, humid climates and low temperatures. The tile joints should be grouted with the appropriate ARDEX grout.

MOVEMENT JOINTS

Movement joints must be in accordance with AS3958. As a general guide, movement joints should be incorporated at 5 metre intervals and around the perimeter of the floor. Any structural movement joints must be carried through to the face of the tiling. These joints must be approximately 6mm wide and kept free from adhesive and grout. They should be filled with a suitable flexible material such as ARDEX SE or ST Silicone. For walls, incorporate movement joints at 3.5 metre intervals, at internal corners, and fixtures interrupting the tile surface.

COVERAGE

20kg of ARDEX MPP is sufficient for approximately 12m² of tiling using a 6 x 6 x 6 mm notch trowel and 8m² when using a 10 x 10 x 10mm notch trowel.

PACKAGING

ARDEX MPP is packed in polylined paper sacks - net weight 20kg.

CLEANING

All tools should be cleaned with water immediately after use.

SHELF LIFE

ARDEX MPP 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.

PRODUCT LIMITATIONS

- Do not use ARDEX MPP in external environments.
- Do not use ARDEX MPP to fix moisture sensitive natural stone (e.g. green marble).
- Do not use ARDEX MPP in areas subjected to water immersion - e.g. swimming pools, ARDEX provide other systems.
- Do not use ARDEX MPP over timber.

SAFETY DATA

This product may cause irritation and an allergic reaction to the skin. It may cause serious eye injury and irritation to the respiratory system. 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:	White
Mixing Ratio:	Approx 6L water/20kg
Application Properties at 23°C and 50% RH	
Open Time (ISO 13007):	Approx. 45 minutes
Adjustment Time:	Approx. 45 minutes
Pot Life:	2 hours
Underfloor Heating:	Yes
Mechanical Properties (AS 4992)	
Tensile Adhesion Strength after 28 Days Dry:	> 0.5 MPa
Water Immersion:	> 0.5 MPa
Heat:	> 0.5 MPa
Freeze Thaw:	> 0.5 MPa
Bulk Density:	1.2 kg/L
Classification:	C1 E S2

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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

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 Standards. Our instructions and recommendations are only for the uses they are intended. Users are advised to confirm that this product is suitable for their application and conforms with the specifications of the system. 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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