



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

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

ARDEX MULTIPURPOSE POWDER MPP

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

APPLICATIONS

ARDEX MPP is especially suited to application 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. ARDEX MPP exceeds the requirements of Australian Standard AS4992.

SUBSTRATES

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

FOR FIXING (TILE TYPES)

Suitable for tiles with more than 0.01% water absorption, including no 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. After priming with ARDEX Multiprime, tape sheet joints with PVC ducting tape.

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 should 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 (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. Tiles should be laid with a joint width of no more than 3mm for floors and 1.5mm for walls.

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

Use ARDEX FG8 for joints up to 5mm or ARDEX WJ50 for joints between 5-50mm.

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 Silicone. For walls, incorporate movement joints at 3.5 metre intervals, at internal corners, and fixtures interrupting the tile surface.

COVERAGE

20 Kg 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 not less than 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 PRECAUTIONS

This product is considered non hazardous in normal usage. The presence of cement in the product gives an alkaline mortar which may cause some irritation if prolonged contact with skin takes place.

Avoid contact with skin and eyes; in case of contact with the eyes, rinse immediately with plenty of water and seek medical advice; wear suitable gloves and eye protection and keep the product out of the reach of children. Avoid generation of airborne dust during mixing. If swallowed do not induce vomiting, give a glass of water and contact a doctor.

TECHNICAL DATA

Colour:	White
Mixing Ratio:	Approx 6L water/20kg
Application Properties at 23°C and 50% RH	
Open Time (AS 4992):	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:	> 1.0 MPa
Water Immersion:	> 0.5 MPa
Heat:	> 1.0 MPa
Freeze Thaw:	> 0.5 MPa
Bulk Density:	1.2 kg/L
Classification:	C1 E S2

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DISCLAIMER

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