

Product Description

MPP (Multipurpose powder) is a white, flexible, wall and floor tile adhesive for internal applications. MPP combines the properties of a mastic adhesive with those of a fast setting cement based adhesive. With its accelerated drying, tiles can be grouted after 4-6 hours. MPP meets the requirement of a C1S2 adhesive (AS 4992.1). MPP meets the Green Building Council of Australia Green Star IEQ-13 requirements for Ceramic Tile Adhesives when tested in accordance with SCAQMD Method 304-91 Determination of Volatile Organic Compounds (VOC) in Various Materials as referenced by South Coast Air Quality Management Division (SCAQMD) Rule 1168.

Features/Benefits

Features

Fast setting:

Low VOC content:

High bond strength:

Flexible:

White adhesive:

Benefits

sets in 4 – 6 hours, ideal for applications requiring minimum delay between the tiling and grouting operations.

meets Green Building Council of Australia Green Star IEQ-13 requirements

suitable for all types of tiles.

accommodates vibration associated with building movement.

suitable for translucent tiles e.g. glass mosaics.

Application Range

Location

Internal

Performance Level

Residential, Commercial

Surfaces

Walls, Floors

Tiles (> 0.01% water absorption)

Ceramic, fully vitrified, porcelain, natural stone, mosaics

Substrates

Cement render, screeds, concrete, light weight concrete, fibre-cement sheets, plasterboard, existing ceramic tiles and ARDEX undertile waterproofing membranes.

Specification Clause

The wall/floor adhesive shall be MPP – a white, flexible, adhesive for fixing ceramic and marble tiles to selected substrates in accordance with the manufacturer's instructions.

Applicator Notes

Packaging

5kg, 20kg

Shelf life

12 months when stored in the original unopened packaging, in a dry place at 30°C and 50% relative humidity.

Coverage

Approximately 1.6kg of MPP per square metre using a 6 x 6 x 6mm notched trowel.

Drying Time

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

Surface Preparation

Surfaces must be consistently flat and firmly fixed. Clean off dust, oil, grease and all loose contaminating materials. Ensure surfaces are dry before tiling, with no residue or permanent damp. Prime porous substrates such as fibre cement sheet and cement renders. For instructions on preparation of specific surfaces, refer to packaging.

Mixing

Use approximately 5 – 6 litres of clean water per 20kg of MPP.

Application

Before fixing tiles, ensure the back of the tiles are free from dust. Use an appropriate notched trowel to spread the adhesive, ensuring it does not skin prior to bedding the tiles. Do not apply 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 and check that there are no voids beneath the tile. Any surplus adhesive must be removed from the surface of the tile and joints, before the adhesive sets. Allow to dry before grouting. For detailed instructions refer to packaging.

Precautions

- Do not use MPP for continuous immersion applications (swimming pools, water tanks). ABA provides other systems.
- Do not use to fix green marble or moisture sensitive natural stone.
- Do not use MPP over timber.
- When bedding tiles ensure 100% coverage by pressing and sliding the tile firmly.
- MPP has a short skinning time, only spread small areas at a time.

Quality Endorsed Company

Manufactured under a quality system certified as complying with ISO 9001 by an accredited certification body. Material Safety Data Sheets are available upon request.

User Notes

The technical details and recommendations 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 the responsibility of the user to ensure that the products are used in accordance with ARDEX instructions and in applications for which they are intended. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations.

Technical Data

Product Identity:

Form: White powder
Bulk Density: Approx 1.4kg/dm³

Application Properties: (@ 23°C and 50% RH)

Mixing ratio:	Powder: water = 100: 28
Open Time:	45 minutes
Adjustability Time:	45 minutes
Pot Life:	2 hours
Setting Time:	4 – 6 hours
Sagging:	None

Mechanical Properties: (AS 4992.1)

	Result	Requirement
Tensile Adhesion Strength:	0.8 MPa	0.5 MPa
Tensile Adhesion Strength after water immersion:	0.5 MPa	0.5 MPa
Transverse Deformation:	5mm	S ₁ : ≥ 2.5mm < 5mm S ₂ : ≥ 5mm
Classification:	C1S ₂	



**MPP is manufactured by
ARDEX Australia Pty Limited**

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