



MPP

Multipurpose Wall & Floor Tile Adhesive

- White
- Internal Use
- Australian Made

DESCRIPTION

ABA 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

ABA 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. ARDEX MPP exceeds the requirements of Australian Standard ISO 13007.

TO (SUBSTRATES)

Walls: cement render, fibre cement sheet, plasterboard. Floors: concrete, existing ceramic tiles (dry areas), ceramic tile underlay.

FOR FIXING (TILE TYPES)

Suitable for 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. 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 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 shall 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.

Ceramic Tile Underlay (CTU)

Should be fixed as per the CTU manufacturer's instructions. The CTU must be a minimum of 6mm and made specifically for this purpose. Tiles under 100mm edge length cannot be fixed using this method. Tiles between 100 and 350mm can only be fixed if floor deflection measured centrally between the floor joists is less than 1 in 360 and tiles greater than 350mm edge length can only be laid on floors with less deflection than 1 in 500. Please refer to ABA Technical Services for further details.

MIXING

Use approximately 6 litres of water per 20kg of ARDEX MPP (1.5L per 5kg).

- 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 notched trowel on walls, 10 x 10 x 10mm notched 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 ABA 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.

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



MOVEMENT JOINTS

Movement joints must be in accordance with AS3958.

COVERAGE

5kg of ABA MPP is sufficient for approximately 3m² of tiling using a 6 x 6 x 6 mm notched trowel and 2m² when using a 10 x 10 x 10mm notched trowel. 20kg of ABA MPP is sufficient for approximately 12m² of tiling using a 6 x 6 x 6 mm notched trowel and 8m² when using a 10 x 10 x 10mm notched trowel

CLEANING

All tools should be cleaned with water immediately after use.

PACKAGING

ABA MPP is packed in polylined paper sacks – net weight 5kg and 20kg

SHELF LIFE

ABA 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.

Pay Attention to the following:

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

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.abaustralia.com.au

TECHNICAL DATA

Colour:	White Powder
Mixing Ratio:	Approx. 1.5L water/5kg powder Approx. 6L water/20g powder

Application Properties at 23°C and 50% RH

Open Time:	Approx. 45 minutes
Adjustment Time:	Approx. 45 minutes
Pot Life:	2 hours
Underfloor Heating:	Yes

Mechanical Properties (ISO 13007)

Tensile adhesion strength after:	
28 days dry:	>1.0MPa
Water immersion:	>0.5MPa
Heat:	>1.0 MPa
Freeze Thaw:	>1.0 MPa
Classification:	C1 E S1

PRODUCT GUARANTEE



Ardex Australia Pty Ltd (“we” or “us”) guarantees this product (also referred to as “our goods”) is free from manufacturing defects and will perform to any applicable specification published by us for 15 years from the date of application of the product if such application occurs within this product’s specified shelf life. 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 the cost of such replacement or repair, 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 our published instructions or any act or circumstance beyond our control, including shade variations and efflorescence and faulty workmanship on the part of any installer or applicator of the product. If you wish to make a claim under this guarantee you must notify us (address: 7/20 Powers Road Seven Hills NSW 2147; phone: 1800224070; email: technicalservices@ardexaustralia.com), identify the product and provide evidence of your purchase and the subsequent application 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 and to undertake any inspections and tests necessary to establish your rights under this guarantee. 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”.

ARDEX AUSTRALIA PTY LTD

ABA Products manufactured by
ARDEX Australia Pty Ltd

20 Powers Road Seven Hills NSW 2147
technicalservice@ardexaustralia.com
www.abaustralia.com.au

ABA Technical Services Toll Free: 1800 300 863

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 Standard, our instructions and recommendations and only for the uses they are intended. 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 effect 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. This datasheet was issued in October 2019 and is valid for 3 years, in some instances a newer version may be published. Always refer to www.abaustralia.com.au for the latest technical data. © ARDEX Australia Pty Ltd 2019. All aforementioned products are the trademarks of ARDEX Australia Pty Ltd, its licensors and affiliates.