



ABASTIK

Rubber Modified Wall & Floor Tile Adhesive

- Off White
- Internal/Covered External Use
- Australian Made

DESCRIPTION

ABA Abastik is a rubber-modified adhesive for fixing ceramic tiles, marble, slate, non-moisture sensitive granite and mosaics in internal or covered external (with adequate falls to waste) locations.

ABA Abastik 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.

FOR FIXING (TILE TYPES)

Most tile types including porcelains, ceramic tiles, non moisture sensitive marble, slate, granite and mosaics.

TO (SUBSTRATES)

Concrete, renders, screeds

Medium density fibre-cement sheet (internal walls only), plasterboard.

SUBSTRATE PREPARATION

The surface being adhered to must be clean, firm and free of dust, dirt, oil, grease, curing compounds, release agents and other barrier materials, as well as being strong enough to support the weight of the tiles being fixed. Ensure surfaces are dry before tiling, with no residue or permanent damp.

Ensure that the substrate's required drying time, as given in the relevant part of AS 3958, is allowed to elapse prior to fixing the tiles. Prime porous substrates with ARDEX Multiprime.

Concrete

This includes precast, in-situ and wood floated concrete. As concrete exhibits drying shrinkage, allow to cure for at least 4 weeks prior to tiling. Any surface laitance, concrete sealers, curing compounds, and other materials shall be removed from the surface prior to tiling. Steel trowel finished concrete shall be roughened mechanically to remove laitance and provide a good key for tiling. The surface shall be true and level and pitched to drains where required. The concrete should have adequate surface profile (e.g. broom finish) to provide a mechanical key. Smooth surfaces and/or dense concrete greater than 35MPa must be mechanically roughened prior to tiling.

Cement Render/Screeds

New renders and screeds should be finished with a wood float to the required surface regularity. Screeds should be pitched to drains where required. Allow at least 7 days to cure prior to tiling.

Plasterboard/Medium Density Fibre-Cement Sheet on Walls

Tiles can be fixed directly provided that these boards are firmly and rigidly fixed in accordance with the manufacturer's instructions to adequately support the tile bed. Ensure the surface is completely clean. Priming with ARDEX Multiprime is recommended for fibre-cement sheet. Priming is not usually necessary for plasterboard except when a jointing compound is used, the compound should then be primed with ARDEX Multiprime.

MIXING

Abastik powder is added to clean water in a clean container whilst stirring vigorously and mixed thoroughly to give a lump free easily worked mortar of a thick creamy consistency. Allow to stand for 5 minutes. Restir the mixture thoroughly and the adhesive is ready for use. A 20kg bag of Abastik requires approximately 6.5 litres of water.

The consistency of the adhesive can be adjusted slightly to suit site conditions and size, weight and type of tiles to be fixed. Do not apply at temperatures below 10°C. The pot life of the mixed mortar is approximately 3 hours at 23°C and 50% relative humidity.

FIXING TECHNIQUE

Before fixing ensure the substrate has been prepared and the tiles are free from dust. Tiles should be fixed in accordance with AS 3958.

Substrate surface, type and size of the tiles will determine the selection of the trowel. As a general guide use a 6 x 6 x 6mm notched trowel for walls and 10 x 10 x 10mm notched trowel for floor tiling. Abastik can be applied at a bed thickness greater than 2mm or less than 6mm. Final bed thickness of adhesive should be no less than 3mm on floors and no less than 2mm for walls.

The tiles must be pressed firmly into the freshly combed mortar bed to ensure good contact with the mortar. Slide the tile at right angles to the notch pattern to ensure 100% coverage on the back of the tile. Tiles with ribbed or keyed back profiles should also be buttered to ensure complete coverage. Lift a tile from time to time to check that there are no voids beneath the tile. Do not spot fix. Any surplus adhesive must be removed from the surface of the tile and joints, before the adhesive sets.

Abastik has an open time of 25 minutes and an adjustment time of 30 minutes. Please be aware of site conditions when considering these times and only spread enough adhesive so that the tiles can be fixed while the mortar is still wet. All tools should be cleaned with water immediately after use.

MOVEMENT JOINTS

Movement joints must be in accordance with Australian Standard AS 3958.

GROUTING

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.



COVERAGE

20kg of Abastik is sufficient for approximately 11m² on walls, using a 6 x 6 x 6mm notched trowel and 7m² on floors using a 10 x 10 x 10mm notched trowel. The coverage will vary depending on substrate condition, tile type and application technique.

PACKAGING

ABA Abastik is packed in polylined paper sacks – net weight 20kg.

SHELF LIFE

ABA Abastik 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:

- Abastik is only suitable for minimal movement. When setting tiles on substrates where movement is anticipated, we recommend the use of ARDEX X56, ARDEX X77, ARDEX X78 or ABA Abaflex where appropriate.
- For setting of moisture sensitive natural stones, please refer to products in the ARDEX Natural Stone System.
- Abastik is not suitable for use over timber floors or fibre cement sheeted timber floors.
- Do not use Abastik in continuous immersion applications e.g. swimming pools, tanks, etc. ARDEX provides other systems.
- Covered external tiling must have adequate falls for drainage.

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.abaaustralia.com.au

TECHNICAL DATA

Colour: Off White Powder
Mixing Ratio: Approx 6.5L water per 20kg powder

Application Properties at 23°C and 50% RH

Open Time: 25 minutes
Adjustment Time: 30 minutes
Grouting Time: 24 hours
Pot Life: 3 hours

Mechanical Properties (ISO 13007)

Tensile adhesion strength after:
28 days dry: >0.5 MPa
Water Immersion: >0.5 MPa
Heat Ageing: >0.5 MPa
Freeze Thaw: >0.5 MPa
Transverse Deformation: >2.5mm
Classification: C1 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 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”.

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