



Tiler's MASTIC TILE ADHESIVE



HIGH BOND STRENGTH, FLEXIBLE NON-SLUMP TILE ADHESIVE IDEAL FOR LARGE FORMAT TILES ON WALLS & FLOORS. USE ON: CONCRETE, RENDERS, SCREEDS, MEDIUM DENSITY FIBRE-CEMENT SHEET (INTERNAL WALLS), PLASTERBOARD, CERAMIC TILE UNDERLAY & COMPRESSED FIBRE-CEMENT SHEET (FLOORS), DUNLOP WATERPROOFING MEMBRANES, PREPARED EXISTING TILES (INDOOR)

CLASSIFICATION: C2TES1

COLOUR: WHITE

TILES

Ceramic, porcelain, natural stone (excluding moisture sensitive stone), mosaics, fully vitrified and translucent tiles.

SUBSTRATES

Suitable for use over render, screeds, plasterboard, fibre cement sheet walls, compressed fibre cement sheet floors, concrete, ceramic tile underlay, existing ceramic tiles and DUNLOP Undertile Waterproofing Membranes.

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 surfaces with DUNLOP PRIMER & ADDITIVE or DUNLOP MULTIPURPOSE PRIMER.

Concrete

Concrete should have a wood float finish. Allow at least four (4) weeks for concrete to cure prior to tiling. For tiling, the surface must be true and smooth, and for large format tiles level. Where falls to drains are required, the surface shall be pitched to drainage. 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.

Cement Render Walls & Screeded Floors

New renders and screeds should be finished with a wood float to the required surface regularity. Screeds should be pitched to drains where required. For bonded screeds allow 24 hours to cure prior to tiling. For unbonded screeds allow at least 7 days to cure prior to tiling. Prime with DUNLOP PRIMER & ADDITIVE or DUNLOP MULTIPURPOSE PRIMER and allow to dry

Fibre-Cement Sheets (walls), Compressed Fibre Cement Sheets (floors)

Fix sheets according to manufacturer's instructions, making sure the surface is completely clean. Priming with DUNLOP PRIMER & ADDITIVE or DUNLOP MULTIPURPOSE PRIMER is

recommended for fibre-cement sheets. Refer to manufacturers' installation guide for jointing compressed fibre-cement sheets.

Plasterboard

Plasterboard does not require priming. However where jointing compound is used, prime joints with DUNLOP PRIMER & ADDITIVE or DUNLOP MULTIPURPOSE PRIMER.

Dunlop Waterproofing Membranes

DUNLOP Undertile Waterproofing Membranes must be applied according to instructions and thoroughly dry prior to tiling.

Existing Ceramic Tiles (indoor dry areas only)

The existing tiles must be firm and stable. Roughen the surface of existing tiles by mechanical means and clean off contamination and dust before tiling. Ensure that at least 80% of the glaze is removed. Alternatively use DUNLOP BONDcoat as per the recommendations. Tiling over existing tiles is not recommended in immersed applications.

Ceramic Tile Underlay (CTU) (over engineered sheet timber)

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. Please refer to Technical Services for further details.

MIXING

Use 6–6.5 litres of water per 20kg bag.

- Add powder to clean water in a clean container and mix to a creamy consistency.
- Allow to stand for 5 minutes.
- Re-stir the mixture thoroughly and the adhesive is ready for use for up to 3 hours at 23°C and 50% relative humidity. Do not use additional water.



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APPLICATION RANGE

- Tiling practices must be in accordance with AS 3958. 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 and release agents.
- Spread approximately one square metre at a time ensuring that a skin has not developed prior to bedding the tiles (this adhesive has an open time of 30 minutes before skinning occurs depending on site conditions). Do not apply adhesive at a bed thickness greater than 10mm.
- Press and slide the tile at right angles to the notch pattern to ensure 100% coverage on the back of the tile.
- Deeply keyed quarry tiles and tiles greater than 450mm on an edge do require buttering of the adhesive on the back of the tiles to ensure complete coverage.
- Tiles should be laid with a joint width of no less 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 (24 hours) before grouting and allowing foot traffic, depending on temperature and surface porosity.

DRYING TIMES

Approximately 24 hours, at 23°C and 50% relative humidity. Allow longer for dense tiles/substrates, humid climates and low temperatures.

GROUTING

Use DUNLOP COLOURED GROUT for flexible and mould resistant joints. For joints greater than 8mm, use DUNLOP WIDE JOINT GROUT. To enhance the colour of the grout, impart a degree of flexibility and reduce porosity and staining, use in conjunction with DUNLOP PRIMER & ADDITIVE.

MOVEMENT JOINTS

Movement joints must be in accordance with AS3958. As a general guide, movement joints should be incorporated at 3–5 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 droppings. They shall be filled with a suitable flexible material such as DUNLOP COLOURED SILICONE or a proprietary joint system. For walls, incorporate movement joints at internal corners, fixtures interrupting the tile surface, at 3.5 metre intervals and storey height for external fixing.

COVERAGE

20kg of DUNLOP TILER'S MASTIC TILE ADHESIVE is sufficient for approximately 10m² of tiling when using a 6 x 6 x 6mm notch trowel, and 6m² when using a 10 x 10 x 10mm notch trowel. Coverage will vary depending on site conditions, tile type and application technique.

CLEANING

All tools should be cleaned with water immediately after use.

PRODUCT PRECAUTIONS

- Do not use this adhesive to fix moisture sensitive natural stone (e.g. green marble).
- Do not use this adhesive in areas subjected to water immersion – e.g. swimming pools, use DUNLOP TILE-ALL or DUNLOP UNIVERSAL TILE ADHESIVE.
- Do not use this adhesive over timber, metal or substrates subject to movement.
- Not to be used on floors with a deflection greater than the joist span divided by 500. Joist span must comply with AS 1684.
- Do not apply at temperatures below 10°C.

SHELF LIFE

12 months when stored in the original unopened packaging in a dry place at 23°C and 50% relative humidity.

SAFETY DATA

Avoid contact with skin and eyes; in case of contact with the eyes, wash out immediately with fresh running water. If irritation continues, seek medical attention. Wear protective gloves, clothing and eye protection. Avoid inhaling dust/fume/gas/mist/vapours/spray. Ensure adequate ventilation during mixing and application. Store locked up. Check with your local Council regarding the disposal of contents. 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.dunlopdiiy.com



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10 YEAR 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 10 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: 1800 222 841; 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".

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 being employed and other products in that 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.

This datasheet was issued in November 2019 and is valid for 3 years, unless updated sooner. Always refer to www.dunlopdiy.com for the latest technical data from ARDEX Australia Pty Ltd.