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Multipurpose MASTIC TILE ADHESIVE

Dunlop Multipurpose Mastic Adhesive is a cementitious, non-slump tile adhesive for walls and floors in indoor and outdoor situations. It combines the properties of a mastic adhesive with those of a cement-based adhesive. Dunlop Multipurpose Mastic Adhesive is especially suited to applications requiring a non-slump adhesive including tiling with large format tiles or heavy tiles. Dunlop Multipurpose Mastic Adhesive exceeds the requirements of Australian Standard AS4992.1 (C₂TES₁ adhesive).

SUBSTRATES

Refer to section on Surface Preparation. Contact the DUNLOP Toll Free Hotline if other substrates are encountered.

TILES

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

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.

Concrete Floors

Concrete floors should have a wood float finish. Allow at least four (4) weeks for concrete to cure prior to tiling. 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.

Cement Render / Screeds

Render/screeds to consist of one part cement to three or four parts sand. Leave the surface with a wood float finish to establish a mechanical key. Allow the surface at least 7 days to cure prior to tiling. It should be approximately 10mm thick. Prime with DUNLOP PRIMER & ADDITIVE 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 is recommended for fibre-cement sheets.

Plasterboard

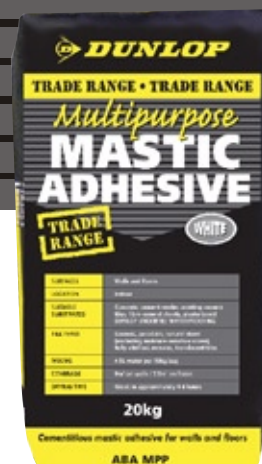
Plasterboard does not require priming. However where jointing compound is used, prime joints with DUNLOP PRIMER & ADDITIVE.

Dunlop Undertile Waterproofing

DUNLOP UNDERTILE WATERPROOFING must be applied according to instructions and thoroughly dry prior to tiling.

Existing Ceramic Tiles (indoors 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.



MIXING

Use approximately 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.

APPLICATION

- 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 or less than 3mm.
- 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 some extruded tiles may 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.



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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 should be filled with a suitable flexible material such as DUNLOP COLOURED SILICONE. 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 Multipurpose Mastic Adhesive is sufficient for approximately 8m² 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.
- Do not use this adhesive over timber, metal or substrates subject to movement.
- Do not apply at temperatures below 5°C

SHELF LIFE

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

SAFETY

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 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. For further information, the Material Safety Data Sheet is available on the Dunlop website.

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: 1800224070; email: techinfo@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".

TOLL FREE HOTLINE

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