



FLOOR TILE ADHESIVE

DUNLOP FLOOR TILE ADHESIVE is a general purpose ceramic tile adhesive for fixing a variety of floor tiles, both indoors and out. It is suitable for use on a limited number of surfaces such as concrete, compressed fibre-cement sheets, cement screeds and existing tiles. For timber floors and areas where more movement may be expected, use DUNLOP WALL AND FLOOR TILE ADHESIVE.

SUBSTRATES

Concrete, cement screeds, compressed fibre-cement sheets, existing tiles

TILE TYPES

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

COLOUR: GREY

SURFACE PREPARATION

Surface 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 floors

Concrete floors should have a wood float finish. Allow at least 4 weeks for concrete to cure prior to tiling. Screeds must be at least 7 days old. 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 screeded floors

New 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.

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

Existing ceramic tiles (indoor 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

The mixed material is usable for up to 2.5 hours, depending on temperature and humidity.

1. Use approximately 400ml of water with 1 kg of the powder.
2. Add powder to clean water in a container and mix to a thick creamy consistency using a mechanical stirrer or spatula.
3. Allow to stand for 5 minutes, re-stir the mixture thoroughly and it is ready to use. Do not add additional water.

APPLICATION RANGE

Tiling practices must be in accordance with AS3958.1. Use the appropriate notched trowel to achieve 100% coverage. As a general guide, use a 10x10x10mm trowel on floors.

- Before fixing tiles, ensure the back of the tiles are free from dust or release agents.
- Spread approximately one square metre at a time ensuring that a skin has not developed prior to bedding the tiles. Do not apply 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 tiles greater than 450mm on an edge do require buttering of the adhesive on the back of the tiles 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 tiles.
- Any surplus adhesive must be removed from the surface of the tile and joints, before the adhesive sets.
- Allow adhesive to set firm (approx 24 hours) before grouting.

DRYING TIMES & GROUTING

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

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 and penetrations must be



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carried through to the face of the tiling. These joints and penetrations 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.

COVERAGE

Coverage is approximate and will vary depending on the substrate condition and application technique. As a general guide, use a 10mm trowel for floors.

Trowel Size	Coverage
10mm	0.4m ² /kg
Size	Floors
4kg	1.6m ²

CLEAN UP

Clean tools in water immediately after use.

SHELF LIFE

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

PRECAUTIONS

- Do not use DUNLOP FLOOR TILE ADHESIVE for continuous immersion applications (e.g. swimming pools, water tanks). Use DUNLOP TILE-ALL or DUNLOP UNIVERSAL TILE ADHESIVE.
- Do not use DUNLOP TILE ADHESIVE over timber floors or non-absorbent substrates e.g. metal.
- Not suitable for substrates subject to shrinkage movement - DUNLOP provides other systems.
- Before any substrate preparation, installation or finishing methods relating to DUNLOP product are undertaken, please be aware of any potential risks and use appropriate PPE (personal protective equipment). This may involve contacting substrate manufacturers for Safety Data Sheets.

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. May cause cancer. May damage the unborn child. 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. At times updates can occur to data. For additional information and to ensure you have the most current technical and safety

information please consult the latest safety data sheets (SDS) and technical data sheets found on the product page at www.dunlopit.com.

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: 1800222841; 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".

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 January 2021 and is valid for 3 years, unless updated sooner. Always refer to www.dunlopit.com for the latest technical data from ARDEX Australia Pty. Ltd.