

PRODUCT INFORMATION

DUNLOP FLEXIBLE SLOWSET FLOOR & WALL TILE ADHESIVE

DESCRIPTION

DUNLOP FLEXIBLE SLOWSET FLOOR & WALL TILE ADHESIVE is a water-resistant, powder-based tile adhesive for use in internal and external areas.

Mixed with water, the adhesive will last for up to 4 hours in the tub and is suitable for fixing floor and wall tiles including porcelain, mosaics, quarry and brick slips. Tiles can be adjusted for up to 20 minutes after positioning making this perfect for fixing large format or tiles which are difficult to set out.

The adhesive is fully set and tiles are ready for grouting after 24 hours. The set adhesive is frost and water-resistant and can be used in showers, or under continuous immersion such as swimming pools.

Exceeds the requirements of BS EN12004 for a C2TE adhesive.

This product is available in 20kg.

PREPARATION

The surface to be tiled should be level, clean and free from dust, grease or any loose flaking material.

Suitable surfaces include:

Concrete, Cement:Sand Screeds and Rendering. Allow the following drying times:

- Concrete – 6 weeks
- Cement:Sand Screeds – 3 weeks
- Cement:Sand Rendering – 2 weeks

Calcium Sulfate-based screeds, ie. Anhydrite:

Ensure they have been laid and prepared in accordance with the screed manufacturers recommendations. Generally they require sanding to remove any barriers to adhesion and must have a moisture content of less than 0.5% (measured using the carbide method). Prime the screed with 2 coats of DUNLOP SBR UNIVERSAL BONDING AGENT. The first coat diluted 1 part UBA to 4 parts water by volume followed by a second coat diluted 1 part UBA to 2 parts water by volume. Allow to dry in between coats and the second coat should also be touch dry. Tiling must commence within 24 hours.

Existing unglazed ceramic tiles, quarry tiles and natural stone: existing unglazed tiles must be firmly bonded and any hollow or defective tiles cut out and replaced. Use an admix such as DUNLOP FLEXIBLE ADDITIVE diluted 1:1 by volume with water when tiling onto existing glazed tiles.

Asphalt: must be of suitable grade and be in sound condition with adequate cohesive strength.

Vinyl tiles: existing vinyl tiles (not cushion floor variety) must be securely bonded to their backgrounds and free of polish, grease etc. Prime with a suitable primer such as undiluted DUNLOP SBR UNIVERSAL BONDING AGENT.

Plywood Overlay: use moisture stable exterior grade plywood (at least 15mm thick) which should be screwed down at 300mm centres to an existing timber floor to ensure full support. Floor must be sufficiently rigid and stable to receive tiles. Prime with a suitable primer such as DUNLOP SBR UNIVERSAL BONDING AGENT.

Underfloor heating: once the screed is dry (see above) it must be heated slowly at a maximum rate of 5°C per 24 hours to a temperature of 25°C and maintained at that level for 3 days, before being allowed to cool to room temperature. The heating must be turned off before tiling. Once completed ensure that 14 days have elapsed before the floor is brought back to its operating temperature at a maximum of 5°C per 24 hours.

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MIXING

Mix in the ratio of approx. 3 parts powder to 1 part water by volume. Add the powder to clean water and mix thoroughly until a smooth uniform consistency is obtained. Use within 5 hours of mixing (at room temperature). Do not use below 5°C.

APPLICATION

1. Spread the adhesive with a suitable notched trowel to cover approximately 1m² or an area that can be tiled within 30 minutes.
2. For floor tiling, wet areas and exterior situations, a solid-bed trowel must be used.
3. Press the dry tiles firmly into the adhesive, checking periodically that good contact is maintained with the backs of the tiles. Tiles should be fixed within approx. 20 minutes of adhesive being applied, depending on the porosity of the surface and the atmospheric conditions. Touch the adhesive ribs periodically and if a skin has formed, remove the adhesive and apply a new layer. Tiles can be adjusted up to 20 minutes after initial positioning.
4. Leave 1-2mm joints between wall tiles and minimum 3mm joints between floor tiles.
5. Remove any surplus adhesive with a damp cloth before it sets.

GROUTING

Grouting can be carried out after a minimum of 24 hours at 20°C, longer may be required if the background is of low absorption.

IMPORTANT

This product is fully resistant to water, however, being cement-based it is not impervious to the passage of water. To improve protection on water-sensitive backgrounds, apply a tanking membrane such as DUNLOP SHOWER WATERPROOFING KIT or an impervious grout.

COVERAGE

Coverage depends on the nature and flatness of the surface and the method of application, but on a level background the amount of adhesive required at 3mm thickness will be: approx. 2kg/m² for dry wall areas, and approx. 4kg/m² for floors, exterior and wet areas.

STORAGE & SHELF LIFE

This product must be stored in unopened packaging, clear of the ground in cool dry conditions and protected from excessive draught. If stored correctly the shelf life of this product is 12 months.

Please refer to the Material Safety Data Sheet for further information on health and safety issues.

For free expert guidance on the use of this product or any aspect of ceramic tiling telephone the DUNLOP TECHNICAL HELPLINE on: Tel: 01782 591120 Fax: 01782 591121.

Note: The customer must verify the suitability of any information, opinion, recommendation or advice ("Information") provided by the Company for the particular application for which any goods are intended to be used and the Company accepts no liability (whether in contract tort, or otherwise) whatsoever for any loss, damage, or expense arising from the misuse of any information it supplies nor for the use of any information in or for applications which are unsuitable or inappropriate. Building Adhesives Ltd operates a continuous research and development programme and reserves the right to alter or update information from time to time.