

PRODUCT INFORMATION

DUNLOP FLOOR & WALL PLUS TILE ADHESIVE

DESCRIPTION

DUNLOP FLOOR AND WALL PLUS TILE ADHESIVE is a water-resistant powder-based tile adhesive. Mixed with water, it is suitable for fixing floor and wall tiles including porcelain, fully vitrified, mosaics, quarry, brick slips and stone claddings. Suitable for interior and exterior areas including patios. Tiles can be grouted 24 hours after fixing. **DUNLOP FLOOR AND WALL PLUS TILE ADHESIVE** is frost and water-resistant and can be used in showers, or under continuous immersion such as swimming pools.

DUNLOP FLOOR AND WALL TILE PLUS ADHESIVE exceeds the requirements of **BS EN12004: 2007** for a **C2TE** tile 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:

Brickwork/concrete

Allow new walls to dry out for minimum of 6 weeks before rendering/plastering/tiling. Direct fixing of tiles to clay brick/medium density concrete is acceptable if surface is sufficiently flat.

Existing glazed ceramic tiles/glazed bricks

Ensure existing tiles/bricks are soundly bonded to a stable background that is sufficiently strong to support the weight of the new tiling. Mix **DUNLOP FLOOR AND WALL PLUS** adhesive with **DUNLOP FLEXIBLE ADDITIVE** (diluted 1:1 by volume with water) If areas of tiles/bricks are loose or hollow-sounding, remove and make good

Plaster

Must be at least 4 weeks old before tiling. Ensure finish coat has been applied, and surface is free from dust, efflorescence and friable material. *If plaster is shiny or polished*, brush thoroughly before priming with: **DUNLOP SBR UNIVERSAL BONDING AGENT** (diluted 1:2 by volume with water) Allow primer to dry *If plaster is defective/badly cracked*, cut back to straight vertical or horizontal edges Dry brush the background and make good with a suitable non-shrinking filler and prime as above.

Plasterboard

Ensure boards are securely fixed and rigid at 300mm centres vertically and horizontally or as per board manufacturer's recommendations with no protruding fixings. Ensure the face intended to receive decorative finish is exposed.

Asphalt (suitable grade e.g. flooring)

Must be of a suitable grade, be clean, in sound condition (without brittleness, softening. etc.) and have adequate cohesive strength, a natural float finish and laid on a firm rigid base. Ensure that surface is sufficiently regular to suit bedding depths of adhesive. Clean thoroughly to remove surface dirt using warm water and a suitable detergent. Remove all detergent residues with clean water.

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Concrete; cement: sand screeds and rendering

Before tiling, allow the following minimum drying times: Concrete/concrete block walls/clay brickwork: 6 weeks Cement: sand screed: 3 weeks Cement: sand rendering: 2 weeks (3 weeks for swimming pools)

Existing unglazed ceramic tiles, quarry tiles, terrazzo and natural stone

Ensure existing tiles are soundly bonded to a stable background that is sufficiently strong support the weight of the new tiling. If areas are loose or hollow-sounding, cut out and make good

Fibre reinforced cement boards and lightweight tile backing boards - floors

Check suitability with board manufacturer. Ensure boards are (i) sufficiently rigid and stable to receive tiles; (ii) can carry the additional load without excessive deflection; and (iii) has adequate ventilation under the boards.

Overlaid timber floors (min. 15mm)

Ensure timber floor (i) is sufficiently rigid and stable to receive tiles; (ii) can carry the additional load without excessive deflection; and (iii) has adequate ventilation under the timber. Overlay existing timber floor with water resistant grade plywood, minimum 15mm thick, screwed (not nailed) at 300mm centres. Prime all timber surfaces on back face and edges and the face to be tiled with neat DUNLOP SBR UNIVERSAL BONDING AGENT. Allow to dry.

Existing vinyl tiles

Ensure these are in good sound condition and securely bonded to their base. Remove loose or damaged tiles/areas of sheet along with any loose or soft adhesive. Remove any polishes, wax, grease etc. with a suitable proprietary cleaner. Prime with 2 coats of undiluted DUNLOP SBR UNIVERSAL BONDING AGENT

NOTE: Cushioned types of flooring are not suitable and must be completely removed along with the adhesive residue prior to tiling.

Underfloor heating: Once the screed is dry it must be heated slowly at a rate not exceeding 5°C per 24 hours to the maximum operating temperature 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 a minimum of 14 days have elapsed before the floor is brought back to its operating temperature at a maximum rate of 5°C per day.

For further advice, contact DUNLOP TECHNICAL HELPLINE.

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 the area that can be tiled in approx. 30 minutes working time.

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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. 30 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 all surplus adhesive with a damp cloth before it sets.

NOTE

DUNLOP FLOOR AND WALL PLUS TILE ADHESIVE 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 to the background or use an impervious grout to fill the joints between the tiles.

GROUTING

Allow a minimum of 24 hours before grouting or longer if the background is of low absorption.

COVERAGE

Depends on the nature and flatness of the surface and the method of application, but on a level background the approx. amount of adhesive will be: approx. 2kg/m³ for dry wall areas 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. Store in dry conditions, between 5°C and 30°C. If stored correctly, as detailed above, 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.

DUNLOP TECHNICAL HELPLINE

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.