

# PRODUCT INFORMATION

## DUNLOP FIBRE REINFORCED FLOOR LEVELLER

### DESCRIPTION

**DUNLOP REINFORCED FLOOR LEVELLER** is a one-part, fast setting, fibre enhanced self-smoothing compound with built-in synthetic latex polymer, suitable for preparing interior floors in dry areas prior to laying sheets and tile soft floor coverings, carpet, natural stone and ceramic tiles. Can be used on both absorbent and non-absorbent interior floor surfaces including timber, concrete, cement:sand screeds, terrazzo, asphalt, quarry tiles and old but sound adhesive residues. It can be laid at depths from 3mm up to 30mm in one application. Ideal for use with underfloor and undertile floor heating.

### PREPARATION

Floor surface should be dry (<75% R.H.), sound, clean and free from dust grease and other contaminants. An effective damp proof membrane must be incorporated on all direct to earth sub-floors. The temperature of the floor must be >5°C throughout application and drying. Suitable surfaces include:

**Plywood overlaid timber floor/tile backer** : Ensure boards are rigid dry and securely fixed (screwed to joists at 300mm centres). Abrade the surface to ensure surface coating are removed. Prime with 2 coats of DUNLOP SBR UNIVERSAL BONDING AGENT (diluted 1:2 by volume with water) apply the second coat at 90° to the first, allow to dry between coats.

NB: in areas subject in increased movement such as tongue & grooved floorboards, and single layer plywood floors, a fibreglass reinforced mesh will be required and secured to the background using suitable mechanical fixings.

**Cement:sand screeds/anhydrite/calcium sulphate screeds/concrete**: Must be fully cured and free from any laitance, surface hardeners etc. Absorbent cement:sand screeds and concrete surfaces should be primed with a diluted such as DUNLOP SBR UNIVERSAL BONDING AGENT (1 part bonding agent to 4 parts water). Low absorbent cement:sand screeds and concrete surfaces should be dampened with water before work begins. Anhydrite screeds must be primed with a suitable primer such as DUNLOP SBR UNIVERSAL BONDING AGENT in two coats. Dilute the first coat (1 part bonding agent to 4 parts water). Allow to dry before applying the second coat (diluted 1 part bonding agent to 2 parts water). Allow to dry before applying DUNLOP FIBRE REINFORCED FLOOR LEVELLER.

**Cement:sand screed with existing underfloor heating (flowing commissioning of underfloor heating screed)**: The heating must be switched off at least 48 hours prior to and following application. The floor surface should first be primed with a diluted primer such as DUNLOP SBR UNIVERSAL BONDING AGENT (1 part bonding agent to 4 parts water) prior to applying DUNLOP FIBRE REINFORCED FLOOR LEVELLER.

**Laying underfloor floor heating**: The cement:sand substrate must first be primed with a diluted primer such as DUNLOP SBR UNIVERSAL BONDING AGENT (1 part bonding agent to 4 parts water). Cables should be laid strictly according to the manufacturer's instructions. If required DUNLOP FIBRE REINFORCED FLOOR LEVELLER may be used to level the existing rigid and stable floor substrate, prior to applying the heating cables as per the heating manufacturer's recommendations. Apply DUNLOP REINFORCED FLOOR LEVELLER over the undertile floor heating taking care not to damage the cables.

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**Uneven timber floors (for soft floor finishes):** Ensure that sheets or boards are dry, securely fixed and rigid and that adequate ventilation is provided to the void beneath suspended timber floors (including ground level floors). Lay DUNLOP FIBRE REINFORCED FLOOR LEVELLER and allow to dry for minimum of 3 hours (at 20°C). Screw down a layer of 6-12mm plywood compliant with BS 6566 to the levelled base.

**Existing unglazed ceramic tiles, quarry tiles, terrazzo and natural stone:** Should be firmly bonded. Any hollow or defective tiles must be cut out and replaced.

**Asphalt:** must be of a suitable grade i.e. flooring grade be clean, in sound condition and have adequate cohesive strength. The surface does not need to be primed.

**Old ceramic adhesive residues:** Remove as much adhesive as possible. Any remaining residue should be soundly bonded, clean, dry and dust-free. The surface does not have to be primed.

## MIXING

Add DUNLOP FIBRE REINFORCED FLOOR LEVELLER to clean water and mix thoroughly until a smooth mortar is obtained. Allow to stand for 2 minutes then re-mix. If using an electric drill mixer, blend at slow speed (i.e. less than 300 r.p.m). A 20KG bag will require approx. 4.2 litres of water. The mixed material is immediately ready to use and should be used within 30 minutes of mixing (at room temperature).

## APPLICATION

1. Prime surface as required (see PREPARATION section above for details).
2. Pour the mix over the area to be levelled and spread to the required depth using a steel trowel.
3. Trowel until a smooth surface is achieved.
4. The new surface should be hard enough to walk on after 3-4 hours depending on the thickness of application and site conditions (at 20°C). A 3mm thickness of DUNLOP FIBRE REINFORCED FLOOR LEVELLER will be ready to receive ceramic floor coverings after 3-4 hours and soft coverings after 24 hours.

## COVERAGE

Depends on the nature and flatness of the surface, approximately 1.7KG of DUNLOP FIBRE REINFORCED FLOOR LEVELLER is required per mm/m<sup>2</sup>

## STORAGE

This product must be stored in its original packaging, clear of the ground in cool, dry conditions and protected from excessive draught and temperatures. If stored correctly, as detailed above, the shelf life of this product is 12 months. Ensure part-used bags are resealed.

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

## TECHNICAL ADVISORY SERVICE

For free expert guidance on the use of this product or any aspect of ceramic tiling telephone the TECHNICAL ADVISORY SERVICE 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.