

# PRODUCT INFORMATION

## DUNLOP 2-PART RAPIDSET FLEX

### DESCRIPTION

**DUNLOP 2-PART RAPIDSET FLEX** is a 2 part highly flexible, water resistant, rapid-setting floor tile adhesive suitable for most backgrounds particularly moisture stable timber based boards, tongue and grooved floorboards and also concrete and screeds. Suitable for fixing ceramic tiles, non-translucent natural stone, fully vitrified and porcelain tiles. Sets in 3 hours.

**DUNLOP 2-PART RAPIDSET FLEX exceeds the requirements of BS EN12004 : 2007 for a C1S2 tile adhesive.**

This product is available in 11.55kg.

### PREPARATION

1. Ensure surfaces to be tiled are firmly screwed down, securely fastened and rigid i.e. maximum 300mm centres. Plywood boards should be at least 15mm thick.
2. All surfaces must be clean, dry and free from oil, grease, paint and other contamination prior to tiling.
3. When tiling onto new floorboards, time must be allowed for the floorboards to adjust to room conditions prior to tiling.
4. Tongue and groove floorboards require priming with 2 coats of primer such as DUNLOP SBR UNIVERSAL BONDING AGENT (diluted to 1 part bonding agent to 2 parts water), prior to tiling. Apply with a brush and allow each coat to dry for 15-20 minutes. If tiling onto plywood, seal underside and all edges of plywood using a neat primer such as DUNLOP SBR UNIVERSAL BONDING AGENT. Dusty or overly porous surfaces should be primed with 1 coat of primer such as DUNLOP SBR UNIVERSAL BONDING AGENT diluted to 1 part bonding agent to 4 parts water by volume.
5. Timber surfaces should be free from deflection and must be adequately ventilated beneath the surface.

### MIXING

Shake the bottle of liquid and pour into the clean outer container. Add the powder slowly in stages and mix thoroughly until a smooth slump-free consistency is obtained. NOTE: All of the powder must be added to all of the liquid for a suitable mix. The mixed adhesive is immediately ready for use within 45 minutes at room temperature or 20°C.

### DIRECTIONS FOR USE

1. Apply the mixed adhesive using a suitable thick bed solid bed trowel or tipped trowel.
2. Apply tiles to adhesive with twisting action to ensure the back of the tile forms 100% contact with the adhesive to achieve a finished bed depth of approximately 4-5mm for tongue and groove boards or 3mm for other backgrounds. A thin layer of the adhesive may be spread onto the back of the tile to ensure solid bed contact.
3. Lift tiles occasionally to ensure adequate contact is made.
4. Work in small areas and fix tiles within 15 minutes of spreading adhesive. If in doubt, check exposed adhesive ribs. If a skin has formed on the surface or if the adhesive is not sticky it must be removed and fresh adhesive applied.
5. Immediately clean off any surplus adhesive and residue from the tile face and grout lines with a damp cloth taking care not to over wet the surface.

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- Under normal drying conditions, after a minimum of 3 hours the floor will be ready to accept light traffic and grouting can take place with DUNLOP FLOOR & WALL GROUT with the addition of DUNLOP FLEXIBLE ADDITIVE and water (1 part DUNLOP FLEXIBLE ADDITIVE to 2 part water) for overlaid timber floors or diluted 1:1 by volume with water, when fixing tiles to T&G floor boards or single layer moisture resistant plywood floors.

## SUBSTRATES:

### **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.

### **Concrete and cement:sand screeds**

Before tiling, allow the following minimum drying times:

- Concrete: 6 weeks
- Cement:sand screed: 3 weeks

### **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**

Check suitability with board manufacturer. Ensure boards are

- Dry, securely fixed and free from any protruding fixings
- sufficiently rigid and stable to receive tiles;
- can carry the additional load without excessive deflection; and
- 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 plywood, min. 15mm thick, screwed (not nailed) at 300mm centres. Prime all timber surfaces on back face and edges with neat DUNLOP SBR UNIVERSAL BONDING AGENT. Allow to dry.

### **Tongue and groove floorboards**

Ensure boards are dry, rigid and securely fixed (screwed to joists at 300mm centres, including any cross-noggings, if necessary). Sand (abrade) surfaces and ensure any surface coatings removed, e.g. varnish, lacquers, etc. Prime the board surfaces with 2 coats of DUNLOP SBR UNIVERSAL BONDING AGENT (diluted to 1 part bonding agent to 2 parts water), applying second coat at 90° to the first. Allow each coat to dry.

### **Underfloor heating**

Suitable: for further advice, contact DUNLOP TECHNICAL HELPLINE

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## STORAGE & SHELF LIFE

Store in normal conditions, between 5°C and 30°C, and protect from excessive heat. If stored correctly this product has a shelf life of 6 months.

## COVERAGE

11.55kg kit of DUNLOP 2-PART RAPIDSET FLEX will fix approximately 3m<sup>2</sup> based on 3mm bed depth (depending on trowel used).

**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.