

PRODUCT INFORMATION

DUNLOP LX-360 FIBRE LEVELLER

DESCRIPTION

DUNLOP LX-360 FIBRE LEVELLER is a single part floor leveller with added fibres for increased strength and flexibility. Suitable for preparing interior floors in dry areas prior to laying sheet 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 60mm in one application. Ideal for use with underfloor and undertile heating systems.

PREPARATION

Floor surfaces 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 floors/tile backer boards: Ensure boards are rigid, clean, dry, free of any contaminants incompatible with adhesion and securely fixed (screwed to joists at 300mm centres). 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 suitable mesh will be required to reinforce DUNLOP LX-360 FIBRE LEVELLER in critical areas. Once dry, DUNLOP PROCOVER UNCOUPLING MAT may be applied to the surface of DUNLOP LX-360 FIBRE LEVELLER.

For further information, contact the DUNLOP TECHNICAL HELPLINE

Cement:sand screeds/anhydrite/calcium sulphate screeds/concrete: Must be fully cured and free from any laitance, surface hardeners, dust, dirt etc. Cement:sand screeds and concrete surfaces should be primed with a diluted primer such as DUNLOP SBR UNIVERSAL BONDING AGENT (1 part bonding agent to 4 parts water). Calcium Sulphate and 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 LX-360 FIBRE LEVELLER.

Cement:sand screed with existing underfloor heating (following commissioning of the 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 LX-360 FIBRE 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 LX-360 FIBRE 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 LX-360 FIBRE LEVELLER over the undertile floor heating taking care not to damage the cables.

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 LX-360 FIBRE LEVELLER and allow to dry for minimum of 3 hours (at 20°C). Screw down a layer of 6-12mm plywood (as defined in BS EN 313-2) onto the levelled base.

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Existing unglazed ceramic tiles, quarry tiles, terrazzo and natural stone: Should be firmly bonded, clean, dry and free from surface contamination. Any hollow or defective tiles must be cut out and replaced.

Asphalt: must be of a suitable grade i.e. flooring grade, must 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 unaffected by water, soundly bonded, clean, dry and dust-free. The surface does not have to be primed.

MIXING

Add DUNLOP LX-360 FIBRE 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 hours depending on the thickness of application and site conditions (at 20°C). A 3mm thickness of DUNLOP LX-360 FIBRE LEVELLER will be ready to receive ceramic floor coverings after 4 hours and soft coverings after 24 hours.

COVERAGE

Depends on the nature and flatness of the surface, approximately 1.7kg of DUNLOP LX-360 FIBRE LEVELLER is required per mm/m²

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. 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.