TECHNICAL DATA – LX-360 FIBRE LEVELLER

DATE ISSUED: 20.08.2026 Ref: DUNLX360/004

DUNLOP LX-360 FIBRE LEVELLER

LEVELS UNEVEN FLOORS | TIMBER FLOORS | SUITABLE FOR ELECTRIC UNDERFLOOR HEATING | 3 SETTING TIME | 10 YEAR GUARANTEE

TECHNICAL SUMMARY

Size	20kg
Colour	Grey
Classification	CT-C20-F7
Composition	Cementitious smoothing and levelling material modified by polymer for use internally in buildings.
Coverage (20kg bag)	1.7kg of LX-360 is required per mm/m^2 20kg bag will cover approx. 4m^2 at 3mm thickness
Pot Life*	30 minutes at room temperature
Setting Time*	Foot traffic after 3 hours
Tile After*	4 hours for ceramic floor coverings and 24 hours for soft coverings
Bed Thickness	3-60**mm
Application Temperature	Room Temperature (do not use below 5°C)
Storage & Shelf Life	This product must be stored in unopened packaging, clear of the ground in cool dry conditions between 5°C and 30°C and protected from excessive draught. Ensure part-used bags are resealed. If stored correctly the shelf life of this product is 12 months.

*depending on temperatures, background and site conditions

** Up to 60mm in localised areas only. For larger areas a suitable aggregate should be included as this will facilitate application, increase yield and reduce cost. Thick layers must also be tiled within 48 hours. If this is not possible, DUNLOP LX 360 must be covered with plastic sheeting until it is tiled.

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SITUATION

Walls	x	
Floors	✓	The surface must be clean, dry, sound and free from laitance, dust dirt and all barriers to adhesion. The surface may require priming such as DUNLOP MULTI-PURPOSE PRIMER or DUNLOP UNIVERSAL BONDING AGENT, dependent on the background
Interior Dry	✓	
Wet Areas (Occasional wetting)	✓	Apply DUNLOP SHOWER WATERPROOFING KIT to the surface of DUNLOP LX360 FIBRE LEVELLER before tiling.
Power Showers	x	
Swimming Pools	x	
Exterior	x	

For further advice or advice on any other situations not listed above, please contact DUNLOP TECHNICAL HELPLINE on 01782 591120

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BACKGROUND

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.
Cement:sand screeds/concrete	✓	Must be fully cured and free from any laitance, surface hardeners, dust, dirt and all barriers to adhesion. 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 by volume) or DUNLOP MULTI-PURPOSE PRIMER (1 part primer to 1 part water by volume). Allow to dry before applying DUNLOP LX-360 FIBRE LEVELLER.
Anhydrite/calcium sulphate screeds	✓	Must be dry to a maximum of 75% RH or 0.5%w/w and free from any laitance, surface hardeners, dust, dirt and all barriers to adhesion. Any heating must be fully commissioned prior to levelling. Calcium Sulphate screeds must be primed with a suitable primer such as DUNLOP MULTI-PURPOSE PRIMER in two coats. Dilute the first coat (1-part primer to 1 part water by volume). Allow to dry before applying the second undiluted coat (at 90 degrees to the first coat).
Uneven timber floors (for soft floor finishes)	✓	Ensure that sheets or boards are dry, securely fixed i.e. screwed not nailed at 300mm centres and rigid. Adequate ventilation should be provided to the void beneath suspended timber floors (including ground level floors). Ensure damp-proof courses are located correctly. Apply 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.
Existing unglazed ceramic tiles, quarry tiles, terrazzo and natural stone	✓	Existing tiles should be firmly bonded, clean, dry and free from surface contamination and all barriers to adhesion. Any hollow or defective tiles must be cut out and the areas made good. Contact DUNLOP HELPLINE for help for advice.
Existing Vinyl Tiles	✓	Vinyl tiles must be sound and free from dust, dirt and all barriers to adhesion. Prime the surface will one neat coat of DUNLOP SBR UNIVERSAL BONDING AGENT and allow to dry. Apply DUNLOP LX-360 FIBRE LEVELLER and allow to dry for minimum of 3 hours (at 20°C). Not suitable if using vinyl flooring with cushioned or compressive backings.
Asphalt	✓	Must be of a suitable grade i.e. flooring grade, must be clean, in sound condition and have adequate cohesive strength. Ensure surface is degreased and free from any barriers to adhesion. The surface does not need to be primed. Apply DUNLOP LX 360 FIBRE LEVELLER from 3mm to 6mm maximum bed thickness.
Old ceramic tile 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.
Cement:sand screed with existing underfloor heating (following commissioning of the underfloor heating screed)	✓	The heating must be fully commissioned and then 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 by volume) and allowed to dry prior to applying DUNLOP LX-360 FIBRE LEVELLER.
Laying electric undertile floor heating	✓	The cement:sand substrate must first be primed with a diluted primer such as DUNLOP SBR UNIVERSAL BONDING AGENT (1 part primer to 4 parts water by volume). 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 cables taking care not to damage the cables (using a plastic float/trowel would be best practice).
Directly over underfloor heating / retrofit water pipe systems	x	Pipes should be previously encapsulated with an appropriate screed

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IN A NUTSHELL

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 LVT, vinyl sheet, carpet, natural stone, porcelain and ceramic tiles etc. Can be used on absorbent interior floor surfaces including timber, concrete, cement:sand screeds, terrazzo, flooring grade 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 over fully commissioned water fed underfloor heated screeds and electric undertile heating systems.

PREPARATION

Floor surfaces should be dry (<75% R.H.), sound, clean and free from dust, grease and other contaminants. Ensure direct to earth sub floors incorporate an effective damp proof membrane. The temperature of the floor and ambient conditions must be >5°C throughout application and drying. See page 3 for a list of suitable backgrounds.

MIXING

Gradually add (approximately 4.8 parts) DUNLOP LX-360 FIBRE LEVELLER powder by weight to 1 part of clean water whilst stirring to clean water and mix thoroughly until a smooth mortar is obtained. Allow to stand for 2 minutes then re-mix for 30 seconds. 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.

NOTE

It is not recommended to use a spiked roller with this product as this can create an uneven distribution of the fibres within the material.

COVERAGE

Depends on the nature and flatness of the surface, approximately 1.7kg of DUNLOP LX-360 FIBRE LEVELLER is required per mm/m² (i.e 20kg bag = 4m² at 3mm thickness approximately).

10 YEAR GUARANTEE

As a testament to the reliability and performance of our rigorous quality control procedures, all Dunlop products carry a 10-year guarantee. Subject to terms and conditions -see website for details www.dunloptrade.com

HEALTH & SAFETY INFORMATION

For detailed information on safety guidance, please refer to the Product Material Safety Data Sheet (available on request or via the Dunlop website www.dunloptrade.com)

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.