

DUNLOP LX-200 FLEX LEVELLER



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)	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	0-20mm**
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

**5-20mm max with the addition of 3mm single sized granite chippings

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Ref: DUNLX-200/002

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	x	
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

Absorbent Cement:sand screeds and Concrete surfaces:	✓	Must be fully cured and free from any laitance, surface hardeners and all barriers to adhesion. Absorbent 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). Note: Low absorbent cement: sand screeds and concrete surfaces should be dampened with water before work begins.
Existing unglazed ceramic tiles, quarry tiles, terrazzo and natural stone:	✓	Existing tiles should be firmly bonded, clean, dry and free from surface contamination and barriers to adhesion. Any hollow or defective tiles must be cut out and the areas made good. Contact Dunlop Technical Advisory for help for advice.
Asphalt:	✓	Must be of a suitable grade (Flooring Grade), 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-200 FLEX LEVELLER up to 6mm maximum bed thickness.
Uneven T&G floorboards/plywood (for soft floor finishes only):	✓	Ensure that sheets or boards are dry, securely fixed (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. Prime with two coats of DUNLOP MULTI-PURPOSE PRIMER undiluted. Apply DUNLOP LX-200 FLEX 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.
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 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-200 FLEX LEVELLER.
Electric undertile heating (onto solid floor i.e. concrete/screed)	✓	Must be fully cured and free from any laitance, surface hardeners 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).
Directly over water-fed 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-200 FLEX LEVELLER is a single part floor leveller with built-in polymer for increased flexibility. Suitable for preparing interior floors prior to laying sheet and soft floor coverings, natural stone, porcelain and ceramic tiles. It can be used on a wide range of absorbent floor surfaces including concrete, cement: sand screeds, terrazzo, flooring grade asphalt, quarry tiles and old but sound adhesive residues. It can be laid at depths from a feather edge up to 5mm and from 5mm-20mm with the addition of 3mm granite chippings.

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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 5 parts of DUNLOP LX-200 FLEX LEVELLER powder by weight to 1 part of clean water whilst stirring and mix thoroughly until a lump-free consistency is achieved. Allow to stand for 2 minutes then re-mix for 30 seconds. When using an electric drill mixer, blend at slow speed (i.e. less than 300 r.p.m). A 20kg bag will require between approximately 4 and 4.4 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 evenly to achieve a smooth surface and to the required depth using a steel trowel.
3. The use of a spiked roller will help eliminate entrapped air and smooth out any flow lines to give a more uniform surface appearance.
4. For thicknesses between 5mm and 20mm, bulk out the mix with an equal volume of single-sized 3mm granite chippings.
5. 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-200 FLEX 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 and the thickness of the application, but approximately 20kg of DUNLOP LX-200 FLEX LEVELLER will cover 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

ARDEX GROUP WARRANTY

ARDEX Group supplies products under a range of Brands into the UK and Ireland markets. This Warranty applies to BAL, ARDEX, Gutjahr, Wakol, Loba, wedi or Knopp products whether used individually or in combination provided they are used in accordance with the relevant product datasheets and the warranty terms and conditions are available on the website. This Warranty applies only to Products purchased and used in the UK and Ireland directly from one of the Brands or a Brand authorised stockist.

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.