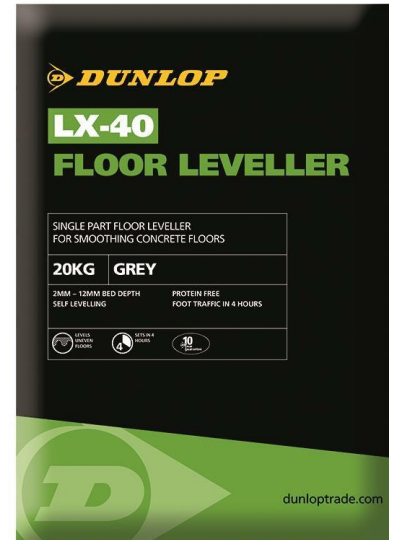


DUNLOP LX-40 FLOOR LEVELLER



TECHNICAL SUMMARY

Size	20kg
Colour	Grey
Classification	CT-C25-F5
Composition	Cementitious smoothing and levelling material modified by polymer for use internally in buildings.
Coverage (20kg bag)	1.6kg of LX-40 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*	4 hours
Tile After*	4 hours for ceramic floor coverings and 24 hours for soft coverings
Bed Thickness	2-12mm
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

TECHNICAL DATA – LX-40 FLOOR LEVELLER

DATE ISSUED: 08.08.2023 Ref: DUN LX-40/001

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	
Underfloor Heated Screeds	x	
Electric Undertile Heating	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

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) or DUNLOP MULTI-PURPOSE PRIMER diluted 1 part primer to 1 part water by volume). Allow to dry before applying DUNLOP LX-40 FLOOR 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. 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.).
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.
Absorbent cement:sand screeds and concrete surfaces:	✓	Should be primed with 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 porous 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 HELPLINE for help and advice.

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

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IN A NUTSHELL

DUNLOP LX-40 FLOOR LEVELLER is a single-part floor leveller with built-in polymer. This product is suitable for preparing interior floors in dry areas prior to laying decorative floor coverings. It can be used on a wide range of common building surfaces including concrete, cement: sand screeds, terrazzo, quarry tiles and old but sound tile adhesive residues. It can be laid at depths from 2mm to 12mm.

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 must be >5°C throughout application and drying. See page 3 for a list of suitable backgrounds.

MIXING

Add DUNLOP LX-40 FLOOR LEVELLER to clean water and mix thoroughly until a smooth mortar is obtained. 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 approx. 3.8 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 use of a spiked roller will help eliminate entrapped air and smooth out any flow lines to give a more uniform surface appearance.
5. The new surface should be hard enough to walk on after 4 hours depending on the thickness of application and site conditions. At 20°C, a 3mm thickness of DUNLOP LX-40 FLOOR 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, but approximately 1.6kg of DUNLOP LX-40 FLOOR 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.