

# LEVEL EXPRESS

## FLOOR LEVELLING COMPOUND

Date: 29 November 2016

Fact Sheet

### YOUR SMART ADVANTAGES

- **Super-smooth rapid hardening flexi-floor finish**
- **Ultra-Fast drying, takes foot traffic after 30 minutes**
- **Tiles can be fixed over after 45 minutes.**
- **Suitable for heated sub-floors and depths up to 25mm**

### USES

Bostik LEVEL EXPRESS is a sub-floor smoothing underlayment based on a unique blend of special cements that have been formulated to provide a rapid curing super-smooth levelling compound ready to receive tile fixing and other finishes within an hour of its' application.

Bostik LEVEL EXPRESS is an ideal floor preparation compound where fast-track fixing projects require completion of the sub-floor with an extremely short timescale. Its' very high early strength allows rapid access for laying the top-floor finish without needing a prolonged drying time.

Bostik LEVEL EXPRESS rapid curing properties allows floor levelling up to a maximum depth of 25mm on concrete sub-floors, making it ideal where sub-floor heating is needed or where repairs of damaged or irregular floor surfaces need completion within a very short timescale.

Bostik LEVEL EXPRESS benefits from polymer & fibre reinforcement making it durable in the most challenging & heavily trafficked environments.

### PRODUCT CHARACTERISTICS

Colour	Beige
Form	Powder
Specific Gravity	1.1 dry, 1.6 when mixed as directed
Composition	Rapid hardening Calcium Aluminate blend
Product Code	D
Storage/Shelf Life	Store for up to 12 months from date of manufacture in original, unopened packaging under cool, dry, conditions within the temperature range of +5°C to +30°C and out of direct sunlight. Protect from frost.

### TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +25°C
Service Temperature	-15°C to +70°C
Coverage	Coverage is dependent on the depth of floor leveler being applied however for a 3mm deep underlayment a single 20kg bag will cover up to 4 square metres.
Drying Times	This product will remain workable for up to 15 minutes and take foot light traffic after 30 mins. Ceramic tiles can be fixed on it after 45 minutes & soft flooring after 90 minutes.
Solvent for Cleaning Up	Water

### DIRECTIONS FOR USE

**IMPORTANT:** Before using Bostik LEVEL EXPRESS refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk).

### PREPARATION

1. The receiving surface must be hard, sound and free from grease, dust and loose deleterious materials such as worn surface coatings, plaster and adhesive residues.
2. Direct to earth floors must be protected with an effective DPC membrane. Concrete floors must be at least 4 to 6 weeks old and should be dampened with just sufficient water (without pooling) to reduce suction.
3. Worn or porous surfaces should be primed with Bostik Universal Primer diluted as 1 to 3 with water to reduce rapid absorption from the wet screed and ensure a consistent flow.
4. All phases of installation must comply with the latest editions of:
  - BS CP102 Code of Practice for protection of buildings against water from the ground.
  - BS 5325 Code of Practice for installation of textile floor coverings.
  - BS 8203 Code of Practice for installation of resilient floor coverings.

### MIXING INSTRUCTIONS

1. Bostik LEVEL EXPRESS should be added to water in a clean container whilst mechanically stirring and mixing thoroughly to give a smooth, consistent and easily worked mortar.
2. The recommended mixing proportions are 4.0 litres of water to 20kg of powder.
3. Only mix sufficient material that can be laid and levelled within a 10-minute period, and do not re-wet & mix to prolong the usable open time.
4. Pour the freshly mixed Bostik LEVEL EXPRESS Floor levelling compound onto the prepared surface and use a straight edged steel float to ensure the compound is evenly spread into all areas and avoid over-trowelling. A smooth even finish can also be aided by the use of a spiked roller. Ensure the full area to be levelled can be completed within the flowable open time of 10 minutes.
5. Do not add more water than is necessary as this will result in a friable, dusty surface finish and cracking.
6. Part-used levelling compound should never be “freshened up” with later water additions, but should always be discarded once it appears to lose workability & flow. Note high temperatures will reduce the working open time of this product.
7. In ideal conditions (20°C), This product will remain flowable for no more than 20 minutes and take foot light traffic after 30 minutes with a final soft-floor covering being over-laid after just 1 hour in room conditions @ 20°C.
8. Any of the mix not used within its pot life should be discarded.

### APPLICATION

1. Pour the freshly mixed Bostik LEVEL EXPRESS onto the prepared surface and use a straight edged steel float to ensure the compound is evenly spread into all areas and avoid over-trowelling.
2. A smooth even finish can be aided by the use of a spiked roller or wearing spiked over-show clamps.
3. Bostik LEVEL EXPRESS will flow and smooth out trowel marks for about 15 minutes before it begins to firm up and be ready for foot traffic after 30 minutes.

4. After about 45-60 minutes it will be possible to begin ceramic tile fixing and soft flooring can be laid after 90 minutes.
5. Bostik LEVEL EXPRESS can be laid from 2mm up to 25mm depth and will cover at the rate of 1.6kg per sq.mtr per mm of depth, such that a 3mm deep layer will require 4.8kg/sq.mtr.

### CLEANING

1. Uncured product may be removed using cloths lightly dampened with water after carefully scraping off the bulk of the cement paste.
2. Cured product can only be removed by mechanical means.

### PRECAUTIONS IN USE

Plan & set out the area to be levelled to ensure that all the mixed material can be poured, levelled and finished off within the specified working time. Where multiple pours are required, schedule each mix to be laid before the previous has set so that an even wet edge contact is maintained between each batch.

Please note that elevated temperatures of both air and surface will result in a shorter working time and mix volumes should be planned to reflect the time needed to complete a successful & even lay.

Before laying the final finished floor covering, allow a minimum of 45 to 60 minutes for a ceramic tiled surface and up to 90 minutes when applying soft flooring such as vinyl.

Low temperatures on site may extend the drying time of this material and all indications above are based on working at ambient room temperature conditions.

\* Note the working open time of Bostik LEVEL EXPRESS will be reduced at elevated temperatures (> 25°C) and working practices should adopt the appropriate level of planning to allow work to proceed.

For any application not covered please contact Technical Services on +353 1 8624998 or visit [www.bostik.ie](http://www.bostik.ie) for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and



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disposal instructions, see separate Health and Safety Data sheet for Bostik Level Express available at [www.bostik.ie](http://www.bostik.ie).

BOSTIK HOTLINE

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