



FLOOR LEVELLING COMPOUND

Date: 05 July 2016

Fact Sheet No.: D56034S

YOUR SMART ADVANTAGES

- **Super-smooth level floor finish**
- **Fast drying, takes foot traffic after 8 hours**
- **Can be laid up to 6mm in a single pour**

USES

Evo-Stik Technik Floor leveling compound is a protein free, cement-based, sub-floor smoothing underlayment that has been formulated to provide a smooth level to sub-floors prior to laying of decorative floor coverings.

Evo-Stik Technik Floor levelling compound will improve the appearance and extend the life of all modern floor coverings as well as giving a considerable saving on the amount of adhesive necessary to bond the floor covering to the substrate.

Evo-Stik Technik Floor levelling compound is suitable for floor levelling up to a maximum depth of 6mm on concrete sub-floors. Depths of more than 6mm will require an alternative "thick-bed" levelling compound from the Evo-Stik Technik range.

Evo-Stik Technik floor levelling compound is unsuitable for wooden sub-floors; should not be used with an underfloor heating system and is not recommended as a final wearing floor finishing material.

PRODUCT CHARACTERISTICS

Colour	Grey
Form	Powder
Specific Gravity	1.1 dry, 1.7 when mixed as directed
Composition	Portland cement blend
Product Code	30810395
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 flowable for up to 30 minutes and take foot light traffic after 8 hours with a final floor covering being over-laid after 24 hours in room conditions @ 20°C.
Solvent for Cleaning Up	Water

DIRECTIONS FOR USE

IMPORTANT: Before using Evo-Stik Technik Floor levelling compound refer to the relevant Health & Safety Data Sheet, available at 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 Flexibond 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.



FM 01696
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MIXING INSTRUCTIONS

1. Evo-Stik Technik Floor levelling compound 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 4.5 litres of water to 20kg of powder.
3. Only mix sufficient material that can be laid and levelled within a 20 minute period, and do not re-wet & mix to prolong the usable open time.
4. Pour the freshly mixed Evo-Stik Technik 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.
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.
7. In ideal conditions (20°C), This product will remain flowable for up to 30 minutes and take foot light traffic after 8 hours with a final floor covering being over-laid after 24 hours 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 Evo-Stik Technik 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.
2. A smooth even finish can be aided by the use of a spiked roller or wearing spiked over-show clamps.
3. Evo-Stik Technik Floor levelling compound will flow and smooth out trowel marks for about 15 to 20 minutes before it begins to firm up.
4. After about 45 mins to 1 hour, the screed will have reached initial set, but can still take further finishing with a firmly applied steel float to remove any slight irregularities and flow-lines.
5. The optimum application thickness for this product is 3mm, but depths up to 6mm can be achieved.

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

For any application not covered please contact Technical Services on +353 1 8624998 or visit 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 disposal instructions, see separate Health and Safety Data sheet, available at www.bostik.ie.

BOSTIK HOTLINE

Smart help +353 1 8624998



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Sales	Tel: 01 8624999	Fax: 01 8402186	orders.bostik-irl@bostik.com
Technical Advice	Tel: 01 8624998	Fax: 01 8402186	
Technical Data & COSHH (MSDS) Data Sheets	Tel: 01 8624900	Fax: 01 8402186	



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Bostik Industries Ltd. Newtown, Swords, Co. Dublin. Ireland. Tel: +353 1 8624900 www.bostik.ie

DECLARATION OF PERFORMANCE

In accordance with Annex III of Regulation (EU) No 305/2011
(Construction Products Regulation)

Product Description:	EVO-STIK TECHNIK FLOOR LEVELLING COMPOUND
Product Barcode(s):	5099414860343
Intended Use:	Cementitious screed material not intended as a wearing surface for use internally in buildings
Manufacturer:	Bostik Industries Limited
Contact Address:	Newtown, Swords, Co. Dublin, Ireland Tel: 00 353 1 8624900 www.bostik.ie
System of Assessment:	System 3
Harmonised Standard:	BS EN 13813:2015
Notified Body:	1289

Essential Characteristics	Performance	Harmonised technical specification
Wear resistance:	NPD	EN 13892-5
Compressive strength:	C35	EN 13892-2
Flexural strength:	F7	EN 13892-2
Water permeability:	NPD	
Release of Corrosive substances	CT	
Reaction to Fire	NPD	
Release of dangerous substances	See MSDS	

This declaration of performance is issued under the sole responsibility of Bostik Ireland Ltd.

Signed for and on behalf of Bostik Ireland Ltd by:-

Name : Brian Monaghan

Signature: 

Date: May 2016