

Date: 03 December 2013

Information Sheet No.: TDS00400

## EVO-STIK LEVEL A FLOOR

### A CEMENT BASED SMOOTHING COMPOUND

Evo-Stik Level A Floor provides a smooth level base and will improve the appearance and extend the life of modern floor coverings. Evo-Stik Level A Floor is suitable for use on concrete sub-floors and on cement/sand screeds.

#### Features

- Smoothing compound.
- Extends life of modern floor coverings.

#### Uses

- Concrete.
- Sand/Cement screeds.
- Suitable for use prior to application of floor coverings.
- Unsuitable for underfloor heating.

#### Product Characteristics

<b>Colour</b>	Grey.
<b>Form</b>	Dry, free-flowing powder.
<b>Specific Gravity</b>	1.6
<b>Composition</b>	Blend of cement, organic binders and fillers.
<b>Product Code</b>	<b>250000</b> 12.5kg x1 <b>250109</b> 25kg x1
<b>Packaging</b>	12.5kg/25kg paper sack x1
<b>Shelf life/storage</b>	6 months when stored in the original unopened containers. Store under dry conditions between 5°C and 30°C.
<b>Coverage</b>	approx. 5m <sup>2</sup> at 3mm thickness per 25kg 3m <sup>2</sup> at 5mm thickness per 25kg

#### Directions for use

##### IMPORTANT

Before using this Cementone Cempolay refer to the relevant Health & Safety Data Sheet. Available at [www.bostik.co.uk](http://www.bostik.co.uk) named as the code above.

#### Preparation

##### Surface Preparation

1. Sub-floors must be sound, clean and free from rising damp, oil, grease and loose material. In accordance with good building practice all direct-to-earth floors should incorporate an efficient damp-proof membrane which cannot be installed directly beneath the Evo-Stik Level A Floor layer.
2. Except where they have been primed, concrete sub-floors and cement/sand screeds must be dampened down with clean water, but care should be taken not to leave pools of water on the sub-floor.
3. Before laying Evo-Stik Level A Floor on to old adhesive films, smooth dense concrete and granolithic floors, or very porous sub-floors, the surface should be brush-primed with Evo-Bond Building Adhesive, in the ratio of one part Evo-Bond to two parts water, and allowed to dry.
4. It should be noted that priming is intended to provide an augmented key for Evo-Stik Level A Floor, but it will not overcome inherent weaknesses in the sub-floor. Priming also tends to overcome the pin-holing effect, which is the result of the presence of voids in or just below the sub-floor surface.

##### Preparation of the Level A Floor

5. Add four parts by volume Evo-Stik Level A Floor to one part by volume of clean cold water and stir until a creamy paste is obtained.
6. Leave for about two minutes so that the ingredients completely disperse then mix in carefully very small

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volumes of water until freshly made score marks on the surface selflevel.

7. Do not attempt to lay or re-mix any compound that has started to set. Do not mix more than can be used within about 10 minutes, most jobs can best be started by using about one litre of water and the correct amount of Evo-Stik Level A Floor.

## **Application**

1. Pour the mixed Evo-Stik Level A Floor onto the sub-floor and spread with a steel float.
2. Avoid over-trowelling as the mix is self-smoothing.
3. After four hours, in normal conditions, the screed will take light foot traffic, but the floor covering should not be laid until 24 hours after levelling.
4. If underfloor heating is installed in the subfloor it must be switched off 48 hours before levelling, and remain off until 48 hours after laying is completed.
5. Evo-Stik Level A Floor must not be laid at temperatures below 5°C. At temperatures just above 5°C the setting time of the mix will be much longer than that specified under normal conditions.

## **Special Methods of Application**

6. If it is necessary to lay Evo-Stik Level A Floor in thicknesses greater than 5 mm, small (3mm diameter), clean, dust-free granite chippings may be added to the mix in the ratio of one volume of mix to one volume of chippings.
7. It is emphasised that the chippings must be small and clean, as any quantity of dust will weaken the laid material.

8. The addition of chippings will tend to destroy the self-levelling character of the mix, and the final surface may be too uneven to receive the floor covering. If this happens, it may be levelled when it has set with a normal mix made up without chippings.
9. This is a guide as damp chippings and their shape will greatly affect the ratio. Always use dry components.

## **Limitations**

1. Evo-Stik Level A Floor should be used only as a base for floor coverings it is not intended for use as a floor finishing material.
2. It is not suitable for use on wooden subfloors, asphalt or on quarry tiles.
3. Evo-Stik Level A Floor is unsuitable for use with under-tile heating systems.

## **Cleaning**

1. Tools should be cleaned with water immediately after use.

**CONSTRUCTION PRODUCT REGULATION  
DECLARATION OF PERFORMANCE**

No:

Product Description: **FLOOR LEVEL LAF E/S 12.5KG**

Product Code: **250000**

Intended Use: **Cementitious Screed Material**

Manufacturer: **Bostik Ltd**  
Contact Address: **Ulverscroft Road**  
**Leicester**  
**LE4 6BW**

System of Assessment: **System 4**

Harmonised Standard: **EN 13813:2002**

Declared Performance: **CT-C16-F6**

Essential Characteristics	Performance	Harmonised technical specification
Reaction to fire	$F_{fl}$	<b>EN 13813:2002</b>
Compressive Strength	$>16 \text{ N/mm}^2$	
Flexural Strength	$>6 \text{ N/mm}^2$	

The performance of the product ..... is in conformity with the declared performance shown in the table above.

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

**Signed for and on behalf of Bostik Ltd by:**

Name: Alison Jamieson

Function: S.H.E.Q. Manager

Signature: 

Date: 5<sup>th</sup> June 2013

# PRODUCT DATA



FM 1696  
BS EN ISO 9001:2008

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Sales & Technical contacts at Bostik	Telephone	Facsimile	Email addresses
Sales	0844 371 1192	01785 241818	<a href="mailto:customer.service@bostik.com">customer.service@bostik.com</a>
Technical advice	0844 371 1197	01785 272867	<a href="mailto:technical.service@bostik.com">technical.service@bostik.com</a>
Technical Data & COSHH (MSDS) sheets	01785 272625	01785 212962	<a href="mailto:stafford.gatehouse@bostik.com">stafford.gatehouse@bostik.com</a>

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