Screedmaster Deep

SELF-LEVELLING & RESURFACING COMPOUND

Date: 25 November 2019

YOUR SMART ADVANTAGES

- Apply between 5-50mm in a single step
- Withstands foot traffic in just 90 minutes
- Suitable for the direct laying of vinyl

USES

Bostik Screedmaster Deep is a protein-free, high strength, high performance, deep self-levelling compound based on a blend of cements and organic binders. It is suitable for raising floor levels and levelling uneven subfloors in light to heavy-duty internal applications. The versatility of Bostik Screedmaster Deep allows for application between 5mm to 50mm in a single step. It is suitable for interior use and with warm water underfloor heating installations provided a temperature of 27°C is not exceeded. The heating must be switched off at least 48 hours before and after application.

For self-levelling and resurfacing of internal floors before laying decorative floor coverings. Also suitable for filling uneven floors and forming slope screeds. Bostik Screedmaster Deep can be laid over most common substrates including: concrete, sand/cement screeds, stone, anhydrite screeds, rigid metal, terrazzo & quarry tiles, unglazed ceramic tiles and other strong, rigid subfloors. Bostik Screedmaster Deep should not be used over old tackifier or water soluble residues. Bostik Screedmaster Deep is not suitable for use on mastic asphalt.

Bostik Screedmaster Deep should always be covered with a floor covering. Bostik Screedmaster Deep must not be regarded as a substitute for a damp-proof membrane in direct to earth floors and must not be used over vinyl or similar resilient floor coverings. Bostik Screedmaster Deep is not affected by heat from central heating pipes or glazed areas. Heating must be switched off at least 48 hours before and after applying the compound.

PRODUCT CHARACTERISTICS

<table>
<thead>
<tr>
<th>Form</th>
<th>Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Blend of cements and organic binders</td>
</tr>
</tbody>
</table>

Compressive Strength

Typically >35 N/mm² after 28 days

Flexural Strength

Typically >5 N/mm² after 28 days
**DIRECTIONS FOR USE**

**IMPORTANT:** Before using Bostik Screedmaster Deep refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

**PREPARATION**

1. Ensure the subfloor is clean, sound, dry and of adequate tensile and compressive strength, free from laitance, cracks and structural defects and conform to BS 8102: Code of Practice for protection of structures against water from the ground.

2. Any contaminants that may hinder adhesion, such as grease, dust, some curing compounds and moisture sensitive adhesive residues must be completely removed.

**PRIMING**

3. In all cases the subfloor must be primed prior to application of the smoothing compound as shown in the table below. Follow the instructions of the specific primer container and technical data sheet for application and drying details.

4. When using Bostik Screedmaster Rapid DPM no priming is required. Refer to the Bostik Screedmaster Rapid DPM product data sheet for application details.

<table>
<thead>
<tr>
<th>Absorbent substrates:</th>
<th>Bostik Screedmaster Universal Primer (diluted 1:2 with water)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dense/non-absorbent substrates including epoxy membranes</td>
<td>Bostik Screedmaster Universal or Bostik Screedmaster Epoxy Primer (for applications above 10mm)</td>
</tr>
<tr>
<td>Calcium sulphate screeds:</td>
<td>Bostik Screedmaster Epoxy Primer (diluted 1:1 with water)</td>
</tr>
<tr>
<td>Applications in excess of 10mm of smoothing compound</td>
<td>Bostik Screedmaster Epoxy Primer</td>
</tr>
<tr>
<td>Radiant underfloor heating systems:</td>
<td>Consult Technical Services</td>
</tr>
</tbody>
</table>

**MIXING**

5. Measure 3.5 litres of clean, cold water into a clean mixing vessel and gradually add the contents of a 20kg bag of powder, mixing continually with an electric stirrer until a smooth, lump-free paste is achieved. Mix for a further 2 minutes. Do not add further water. Do not mix more product than can be used in 20 minutes (at 20°C).

**APPLICATION**

6. Pour the mixture onto the prepared subfloor and allow to flow to obtain a smooth finish. A smooth edge steel trowel may be used to smooth over the wet product to assist in gaining the desired heights and smoothness. Bostik Screedmaster Deep can be applied from 5mm up to 50mm in one application.

**DRYING TIMES**

7. A room temperature of 13°C to 18°C should be maintained for at least 24 hours prior to the application with a subfloor temperature of at least 5°C during application.

8. Ceramic, textile and vinyl floor coverings can be laid directly onto Screedmaster Deep after the following times:

<table>
<thead>
<tr>
<th>Foot traffic:</th>
<th>1.5 hours approx. at 20°C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3 to 4 hours approx. at 10°C</td>
</tr>
<tr>
<td>Ceramic tiles/textile coverings:</td>
<td>3 to 4 hours approx. (&lt;10mm thickness) at 20°C</td>
</tr>
<tr>
<td></td>
<td>24 hours approx. (&lt;10mm thickness) at 20°C</td>
</tr>
<tr>
<td></td>
<td>6 to 8 hours approx. (&lt;10mm thickness) at 10°C</td>
</tr>
<tr>
<td></td>
<td>48 hours approx. (10mm thickness) at 10°C</td>
</tr>
<tr>
<td>Vinyl floor coverings:</td>
<td>24 hours approx. per 10mm thickness at 20°C</td>
</tr>
</tbody>
</table>

9. Bostik Screedmaster Deep should be protected from strong sunlight and through draughts, as this can dehydrate the formulation, resulting in incorrect curing.

**CLEANING**

10. Clean tools and equipment immediately after use, with warm, soapy water, whilst the product is still wet.

**PRECAUTIONS IN USE**

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk 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 for Bostik Screedmaster Deep Smoothing Compound, available at www.bostik.com/uk.

**BOSTIK HOTLINE**

Smart help +44 (0) 1785 272625
CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE

No.: TDS01675

Product Description: BOSTIK SCREEDMASTER DEEP
Product Code: 5010591119192
Intended Use: Cementitious Screed Material
Manufacturer: Bostik Ltd
Contact Address: Common Road
Stafford
ST16 3EH

System of Assessment: System 4
Harmonised Standard: EN 13813:2002
Declared Performance: CT-C35-F5

<table>
<thead>
<tr>
<th>Essential Characteristics</th>
<th>Performance</th>
<th>Harmonised technical specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction to Fire</td>
<td>F</td>
<td>EN 13813:2002</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>&gt;35 N/mm²</td>
<td></td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>&gt;5 N/mm²</td>
<td></td>
</tr>
</tbody>
</table>

The performance of the Bostik Screedmaster Deep 5010591119192 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:** May 2014
This disclaimer is issued by Bostik Limited ("the Company") and applies to the use of any products supplied by the Company ("the Products") displayed on this Technical Data Sheet ("TDS"). Please read this disclaimer carefully before using any of the Products. Using this TDS and/or the Product constitutes your acceptance of this disclaimer. Its contents shall prevail over any directions of use and any disclaimer and/or exclusion or limitation of liability of the Company which may appear on the packaging of the Products.

This disclaimer sets out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) to any user of the Products ("Product User") in respect of any use made or resale by the Product User, of any of the Products in this TDS.

This disclaimer does not affect the Company’s liability for death or personal injury arising from the Company’s negligence in respect of the Products, nor its liability for fraud, or fraudulent misrepresentation, nor any other liability which cannot be excluded or limited under applicable law.

The Company’s total liability however arising and whether caused by tort (including negligence and breach of statutory duty), breach of contract or otherwise, arising in connection with the use made or resale by the Product User of any of the Products in this TDS shall be limited to the price paid for the Product by the Product User.

The Company shall not be liable to the Product User for any pure economic loss, loss of profit, loss of business, depletion of goodwill or otherwise, in each case whether direct, indirect or consequential, or any claims (including in respect of personal injury insofar as not caused by the Company’s negligence) for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the use made or resale by the Product User of any of the Products in this TDS.

The Company shall not be liable to the Product User in relation to any loss for any use which is inappropriate or use which is otherwise than in accordance with the relevant instructions for use of the Products in this TDS or on the Product. Product Users are advised to confirm the suitability of the Products by their own tests.

This TDS covers just one of a large range of products supplied by the Company.

Full information on these products and advice on application is freely available from our fully trained staff throughout the country. In addition, specialist technical advice is available from our Technical Services Department. This TDS supersedes all previous TDSs relating to the Products, and users of it must ensure that it is the current issue. Destroy all previous TDS, and if in any doubt, contact the Company, quoting the code number in the top right hand corner on the front of this document.

Sales
Tel: 0844 371 1192 Fax: 01785 241818 customer.service@bostik.com
Technical Advice
Tel: 0844 371 1197 Fax: 01785 272867 technical.service@bostik.com
Technical Data & COSHH (MSDS) Data Sheets
Tel: 01785 272625 Fax: 01785 212962 stafford.gatehouse@bostik.com

Bostik Limited, Common Road, Stafford, ST16 3EH, UK  Tel: +44 (0) 1785 272625  www.bostik.com/uk
Bostik, Evo-Stik & Sealocrete are registered trademarks of Bostik Ltd.