

Screedmaster Original

TWO COMPONENT LATEX SMOOTHING COMPOUND

Date: 17 December 2015

Fact Sheet No.: TDS00879

YOUR SMART ADVANTAGES

- Self-smoothing
- Natural latex
- Excellent adhesion and long working time

USES

Bostik Screedmaster Original is a two-part, cementitious underlayment for smoothing and levelling uneven subfloors prior to laying decorative floor coverings. It is suitable for use with warm water underfloor heating installations provided a maximum surface temperature of 27°C is not exceeded. The heating must be switched off at least 48 hours before and after application.

Bostik Screedmaster Original can be laid over most common substrates including: concrete, sand/cement screeds, stone, anhydrite screeds, rigid metal, terrazzo & quarry tiles, and asphalt and other strong, rigid subfloors. Bostik Screedmaster Original should not be used over old tackifier or water soluble residues.

Bostik Screedmaster Original should always be covered with a floor covering. Bostik Screedmaster Original 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 Original is not affected by heat from central heating pipes or in glazed areas. Heating must be switched off at least 48 hours before and after applying the compound.

PRODUCT CHARACTERISTICS

Form	Two part bag & bottle
Composition	Cementitious/Latex mix

Product Codes	30811778 – 23KG Bag 30811740 – 4 x 5L Polyjerry
Storage/Shelf Life	Store for up to 6 months from date of manufacture when stored in original, unopened packaging clear of the ground and under cool, dry conditions. Protect from excessive draughts. Protect from damp, condensation, dew etc.

TYPICAL PERFORMANCE DATA (Approx.)

Gauging Liquid	Screedmaster Original Liquid
Application Temperature	+5°C to +35°C
Coverage	5 - 6m ² approx. at 3mm thickness
Application Thickness	Feather edge to 6mm
Working Time	20 minutes after mixing, dependent on conditions
Drying Times	Foot traffic: 3 to 4 hours (<3mm thickness) at 20°C Loose lay floor coverings: 12 hours (<3mm thickness) at 20°C Bond floor coverings: 18 hours (<3mm thickness) at 20°C On non-absorbent subfloors lay floor coverings: 24 hours (<3mm thickness) at 20°C
Compressive Strength	18 N/mm ² after 28 days
Flexural Strength	6 N/mm ² after 28 days

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Screedmaster Original refer to the relevant Health & Safety Data Sheet, available at www.bostik.co.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 conforms 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.
3. Any deep depressions in the floor should be filled with Bostik Screedmaster Rapid Repair Mortar and allowed to dry.
4. Mechanically remove old adhesive residue to leave a thin, firmly bonded film.

PRIMING

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

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

MIXING

6. Pour the 5 litres of Bostik Screedmaster Original Latex Liquid into a clean mixing bucket.
7. Gradually add the 23kg bag of Bostik Screedmaster Original powder to the liquid whilst continually mixing with an electric drill and mixing paddle until a smooth lump-free mixture is obtained. This will normally be achieved after two minutes.
8. Do not undermix. Use the mixture immediately.
9. The correct mix permits normal application from a skim coat up to 6mm, although for best results a minimum 3mm application is recommended.

10. Where deeper sections are required, to achieve the thickness of 6mm up to 12mm, the mix should be bulked out with 3mm granite chippings. To the mixture of 1 bag of powder and 1 bottle of liquid add half a 25kg bag of chippings, whilst continually stirring until thoroughly mixed.

11. Unbulked the mixture will retain its self-smoothing capability for approximately 20 minutes under normal conditions.

12. Use the mixture immediately. If the mix stiffens before it has been spread, it must be discarded. Do not add further water or liquid.

APPLICATION

13. Spread evenly over the floor surface with a steel screeding trowel to give the required thickness. Once laid, a second trowelling can be carried out after 15 to 30 minutes depending on site conditions.
14. Any trowel marks remaining after the compound has set can be rubbed down with a sanding block.
15. When used over a Bostik Screedmaster Damp Proof Membrane or other impervious surfaces it is essential that a minimum 3mm thickness is applied in order to provide an absorbent medium for the adhesive.

DRYING TIMES

16. A room temperature of 13°C to 18°C should be maintained for at least 24 hours prior to application with a subfloor temperature of at least 5°C during application.
17. Ceramic, textile and vinyl floor coverings can be laid directly onto Bostik Screedmaster Original after the following times:

Foot traffic:	3 to 4 hours (<3mm thickness) at 20°C
Loose lay floor coverings:	12 hours (<3mm thickness) at 20°C
Bond floor coverings:	18 hours (<3mm thickness) at 20°C
On non-absorbent subfloors lay floor coverings:	24 hours (<3mm thickness) at 20°

Note: Drying/covering times will be extended at lower temperatures.

The product should be protected from strong sunlight and through draughts, as this can dehydrate the product resulting in incorrect curing.

CLEANING

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



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PRECAUTIONS IN USE

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.co.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 Original, available at www.bostik.co.uk.



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