

Tanking Slurry

WATERPROOF COATING FOR BRICKWORK, CONCRETE & STONE

Date: 19 August 2020

Fact Sheet No.: TDS01654

YOUR SMART ADVANTAGES

- Resists positive and negative water pressure
- Suitable for above and below ground level
- Water vapour permeable

USES

Bostik Tanking Slurry is a breathable, waterproof coating for sound internal brickwork, concrete and stone. This 2-coat system is suitable for use above and below ground level. It resists positive and negative water pressure and is water vapour permeable.

Bostik Tanking Slurry can be used for basement walls (and lightly trafficked floors), retaining walls, subways, tunnels, archways, concrete storage tanks and showers/wet rooms.

PRODUCT CHARACTERISTICS

Colour	Grey
Form	Powder
Composition	Cement and special additives
Product Codes	30812810 25kg bag 30814253 20kg bucket 30612337 25kg bag (EN/PL/RO) 30612336 25kg bag (FR/ES/PT)
Storage/Shelf Life	Store and transport securely in an upright position. Ensure the lid is fully closed. Store for up to 6 months from date of manufacture in original, unopened packaging, clear of the ground, in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect

from frost and excessive drafts.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +25°C
Coverage	Up to 15m ² per 25kg per coat Up to 12m ² per 20kg per coat (depending on substrate and application technique)
Working Time	30 to 60 minutes approx. at 20°C
Drying Times	Touch dry after 6 hours approx. at 20°C Overcoat after 5 days approx. at 20°C (depending on coating thickness and drying conditions)
Mix Ratios	4.4 – 4.8 litres of water per 20kg bucket 5.5 – 6 litres of water per 25kg bag
Cleaning	Clean tools and equipment with warm soapy water immediately after use

DIRECTIONS FOR USE

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

PREPARATION

1. Remove any dirt, dust, grease, old paint, plaster and any loose surface material. Suitable methods of removing materials may be high pressure jet washing or wire brushing.
2. After the above treatment, surfaces must be thoroughly washed with clean potable water to remove all dust and loose particles.

3. Bostik Tanking Slurry must not be applied over paint and plaster, as moisture may be trapped behind the coating causing the paint or plaster to deteriorate.
4. Cracks and bolt holes should be filled and any flowing water stemmed with Bostik Rapid Hardener and Plugger, (see separate product data sheet) prior to the application of Bostik Tanking Slurry.
5. Apply at a temperature between +5°C to +25°C.
6. Always apply the mix to a pre-dampened surface.

MIXING

25kg bag

7. Add 5.5 – 6 litres of clean cold water into a clean plastic bucket. Too much water can result in reduced strength and shrinkage cracks.
8. Add the 25kg of Bostik Tanking Slurry slowly, mixing continually using a paint/plaster mixer fitted to an electric drill.

20kg bucket

9. Add 4.4 – 4.8 litres of clean cold water into a clean plastic bucket. Too much water can result in reduced strength and shrinkage cracks.
10. Add the 20kg of Bostik Tanking Slurry slowly, mixing continually using a paint/plaster mixer fitted to an electric drill.

APPLICATION

11. Continue mixing until the mixture is a creamy, lump-free consistency. Do not add more water if the product starts to set, since this will weaken the finished product.
12. Apply the mixed product immediately, using it all within 30 to 60 minutes.
13. Apply the first coat horizontally using a brush working into any gaps at a thickness of between 1mm to 1.5mm.
14. After approximately 2 hours, but within 24 hours, apply the second coat by brush, this time vertically at a thickness of between 1mm to 1.5mm. Only apply the second coat once the first coat is sound enough to receive it without damage. After an hour the second coat can be smoothed if required by lightly brushing with water.

DRYING TIMES

15. Drying times are greatly affected by temperature and ventilation. As a guide allow approximately 6 hours for the surface to become touch dry and 5 days before over coating. Low temperatures and poor ventilation will extend the drying time.
16. Bostik Tanking Slurry requires a through draft to avoid excessive condensation during the curing period. Please note that condensation may still occur on the coating even after it has thoroughly dried out, especially if the area is cold and poorly ventilated.
17. Do not use a dehumidifier during the curing period.

OVERCOATING

18. The product does not need to be over-coated. Please ensure that waterproofing is successful before applying plaster.
19. If plaster is to be used, ensure that it is cement based plaster and applied between 3mm and 5mm in thickness. Do not use a gypsum based plaster.
20. If paint is to be applied, we recommend that breathable emulsion paint is used, as there may still be water vapour penetration. Do not apply solvent or vinyl based paints.

CLEANING

21. Clean tools and equipment with warm soapy water immediately after use.

PRECAUTIONS IN USE

Bostik Tanking Slurry should be applied at a temperature between +5°C to +25°C. Always apply Bostik Tanking Slurry to a pre-dampened surface

Colour indicated on pack is a guide only. It is recommended that users mix a small amount of cement and allow to dry to determine colour suitability before commencing work. Shade variations may occur between different batches. When completing projects requiring multiple buckets, please ensure they are from the same batch.

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 Tanking Slurry, available at www.bostik.com/uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No: TDS01654

Product Description: **Bostik Tanking Slurry**

Product Code: **5010591540224, 5010591540170, 5010591004054 & 3549212479848**

Intended Use: **Renovation rendering mortar (R) for internal use**

Manufacturer: **Bostik Ltd**
Contact Address: **Common Road
Stafford
ST16 3EH**

System of Assessment: **System 4**

Harmonised Standard: **EN 998-1:2010**

Declared Performance:

Essential Characteristics	Performance	Harmonised technical specification
Reaction to fire	F	EN 998-1:2010
Adhesion	0.8 N/mm ² Fracture Pattern B	
Dangerous substances	See MSDS	

The performance of the product Bostik Tanking Slurry 5010591540224, 5010591540170, 5010591004054 & 3549212479848 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: Marrianne Drayton

Function: Quality Manager

Signature:



Date: February 2018

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