



A100 Showerproof

NON-SLIP CERAMIC TILE ADHESIVE

Date: 25 November 2019

Fact Sheet No.: TDS01592

YOUR SMART ADVANTAGES

- High bonding strength
- White - no grout discolouration
- Excellent adhesion to a wide range of substrates

USES

Bostik A100 Showerproof is designed for fixing ceramic wall tiles to most internal surfaces. Bostik A100 Showerproof is suitable for use in kitchen and bathroom areas and for domestic shower walls, when applied by the solid bed method. It is not impervious however, and in such cases the backgrounds must also be water resistant.

Bostik A100 Showerproof is suitable for most surfaces including: plaster, sand and cement rendering, plasterboard, old glazed tiles, and tile backerboards. Bostik A100 Showerproof is suitable for ceramic tiles and some porcelain tiles (up to 150mm x 150mm). Bostik A100 Showerproof should not be used for fixing onto floors nor should it be used externally or in areas where tiling is continuously immersed in water e.g. swimming pools. For these applications use a Bostik cement based adhesives i.e. Bostik MC310 One Part Flexible.

PRODUCT CHARACTERISTICS

| | | |
|---------------|--|------|
| Colour | White | |
| Form | Structured paste | |
| Composition | Polyvinyl acetate/gypsum based formulation | |
| Product Codes | 30811611 | 2.5L |
| | 30811610 | 5L |
| | 30811608 | 10L |
| | 30811609 | 15L |

Storage/Shelf Life

Store and transport this container in a secure upright position. Store for up to 24 months from date of manufacture when stored in original, unopened packaging under cool, dry conditions within the temperature range 5°C to 30°C. Protect from frost.

TYPICAL PERFORMANCE DATA (approx.)

| | | | |
|-------------------------|---|--------------------|-------------------|
| Application Temperature | 5°C to 30°C | | |
| Coverage | Sizes (litres) | Notched Trowel | Solid Bed |
| | 2.5 | 2.4m ² | 1.2m ² |
| | 5 | 4.9m ² | 2.4m ² |
| | 10 | 9.8m ² | 4.9m ² |
| | 15 | 14.7m ² | 7.3m ² |
| | Coverage is dependent upon the nature of the substrate, the adhesive bed thickness and the tile dimensions. | | |
| Open Time | 20 minutes at 20°C | | |
| Drying Times | 24 hours at 20°C on standard backgrounds | | |
| | 72 hours at 20°C on impervious backgrounds | | |

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik A100 Showerproof refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

Tiling and grouting should be carried out in accordance with the relevant British Standards Codes of Practice.

PREPARATION

1. Ensure that all surfaces are clean, dry, sound and free from paint, dust, grease or any contaminating barrier.
2. Make good any unsound areas and remove flaky or peeling layers before tiling.
3. If tiling over old ceramic tiles, check for stability and re-fix if loose.
4. With new concrete rendering, or new brickwork do not commence tiling for at least four weeks to allow for shrinkage.
5. Over-trowelled or shiny plastered surfaces should be wire brushed to key the surface, before priming with Bostik AP 250 Flexibond diluted 1:5 parts water.
6. Check before use that the colour of the adhesive does not cause staining or discolouration of light coloured or translucent tiles.

APPLICATION

Notched Trowel Method (dry areas):

7. Stir the contents well before use.
8. The adhesive should be spread onto the wall with a plane trowel, or float to a depth of 3mm.
9. 'Comb' the adhesive immediately with a notched trowel, e.g. one having 6mm x 6mm notches at 12mm centres.
10. Press the dry tiles with a slight twisting action into the adhesive.
11. Spread only sufficient material for about 20 minutes tiling work i.e. approx. 1m².
12. It is good practice to remove a tile occasionally to check that adequate contact and wetting out are being achieved; a minimum of 70% of the back of each tile should be in good contact with the adhesive.

Solid Bed Method (wet areas):

13. For areas that will be frequently wet, including showers, the adhesive should be spread on the background to a depth of 3mm and then 'combed' very lightly, simply as a means of leveling any projections. The dry tiles should then be pressed into the adhesive bed, ensuring no voids are left behind them.

Spacing of Tiles:

14. If self-spacing tiles are being used, they will automatically give the correct spacing for the tiles. If self-spacing tiles are not being used, joints of between 1mm and 3mm should be left around each tile by the insertion of tiles spacers during the fixing.
15. Ceramic tiles should never be fixed with tight joints.
16. Minor adjustments to the position of a tile may be made up to 5 minutes after the application.
17. Tile spacers may be removed approximately 2 hours after application, when the adhesive has sufficiently dried.

GROUTING

18. Ensure that the adhesive has completely set and that the tiles are firm before grouting. Bostik A100 Showerproof should normally be set after 24 hours but a longer setting period may be required on sealed or impervious surfaces or at low ambient temperature when 72 hours should be allowed prior to grouting. Protect wall tiling from water for at least 72 hours after grouting, or according to instructions on the grout packaging.

CLEANING

19. Surplus adhesive should be removed immediately from the surface of the tiles and grout lines.
20. Clean tools and equipment immediately after use with water.

SURFACE CONSIDERATIONS

Concrete/Masonry:

21. Before covering and after curing, concrete and masonry should be left to dry out by exposure to air for at least 6 weeks.

Sand/Cement Render:

22. Before tiling, allow to dry out by exposure to air for at least 2 weeks.

Gypsum Plaster:

23. All plasterwork should be firm and soundly fixed to its substrate and be sufficiently strong to support the specified tiling. The maximum weight of tiling which can be supported by a dry, firmly adhered plaster background is 20kg/m². Before tiling, the plaster must be left to dry for at least 4 weeks and be thoroughly dry. Never tile on to a soft backing plaster. Remove any defective areas, including badly cracked plaster, to straight horizontal and vertical edges. Smooth plaster should be mechanically roughened to supply a suitable key and primed using diluted Bostik AP 250 Flexibond diluted 1:5 with water. Gypsum plaster is sensitive to water, and in wet areas, care should be made to prevent water ingress. In this situation we would recommend tanking out the installation with Watertite Tanking & Wetroom Kit. A polymer modified cement based adhesive such as Bostik MC310 One Part Flexible must be used.

Plasterboard:

24. Ensure that boards are dry, securely fixed and rigid, and the face intended to receive the decorative finish is exposed. Plasterboard should be screwed into the supporting joists at maximum 300mm centres. The weight of the tiling should not exceed 32kg/m². Plasterboard is sensitive to water and in wet areas care should be made to prevent water ingress. In this situation we would recommend tanking out the installation with Watertite Tanking & Wetroom Kit. A polymer modified cement based adhesive such as Bostik MC310 One Part Flexible must be used.

Plywood:

25. Not suitable for use with Plywood.

Chipboard:

26. Not suitable for use with chipboard.

Tile Backerboards:

27. Ensure that boards are securely fixed and rigid. Boards should be screwed to the supporting joists at maximum 300mm centres vertically and horizontally. Do not seal or prime surfaces to be tiled. When using paste adhesives on impervious backgrounds grouting should be deferred for as long as possible to allow the moisture from the adhesive to dry out through the joints. Alternatively, use a polymer modified cement based adhesive such as Bostik MC310 One Part Flexible.

Existing Tiling:

28. Existing glazed tiles must be firmly fixed to their bed and the bed and original substrate must be sufficiently strong to support the weight of new tiling. Tiles should be thoroughly cleaned to remove any oils or greases that may prevent good adhesion. Any loose or hollow sounding areas must be removed and made good before tiling. When using paste adhesives on impervious backgrounds and large format tiles grouting should be deferred for as long as possible to allow the moisture from the adhesive to dry out through the joints. Alternatively, use a polymer modified cement based adhesive such as Bostik MC310 One Part Flexible.

Painted Walls:

29. Ensure that paint is in a sound condition. Emulsion paints are generally insufficiently strong to hold tiles and adhesive and must be abraded sufficiently to expose the background over at least 50% of the surface and then primed using diluted Bostik AP 250 Flexibond diluted 1 : 5 with water prior to tiling. Firmly fixed gloss paints may be suitable but removal is always recommended. Paint strippers should not be used as they can leave a de-bonding layer that reduces the bond strength of the adhesive.

Swimming Pools:

30. Not suitable for swimming pools.

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 & Safety Data Sheet for Bostik A100 Showerproof, available at www.bostik.com/uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE

No.:TDS01592

Product Description: **BOSTIK A100 SHOWERPROOF**

Product Code: **5011903108170, 5011903108187, 5011903108163, 5011903108156, 5010591069107, 5010591069121**

Intended Use: **Normal dispersion adhesive with extended open time and reduced slip for internal tiling**

Manufacturer: **Bostik Ltd**

Contact Address: **Common Road
Stafford
ST16 3EH**

System of Assessment: **System 3**

Harmonised Standard: **EN12004:2007+A1:2012**

Notified Body: **The notified body No.NB1289 carried out the determination of the product type on the basis of type testing on samples taken by the manufacturer under system 3 and issued the test report (131338)-5698**

Declared Performance: **D1TE**

| Essential Characteristics | Performance | Harmonised technical specification |
|---|--|------------------------------------|
| Reaction to Fire | F | EN12004:2007+A1:2012 |
| Initial Shear adhesion strength | $\geq 1 \text{ N/mm}^2$ | |
| Shear adhesion strength after heat aging | $\geq 1 \text{ N/mm}^2$ | |
| Slip | $\leq 0.5 \text{ mm}$ | |
| Extended open time: tensile adhesion strength | $\geq 0.5 \text{ N/mm}^2$ after not less than 30 minutes | |
| Open time: tensile adhesion strength | See MSDS | |

The performance of the Bostik A100 Showerproof 5011903108170, 5011903108187, 5011903108163, 5011903108156, 5010591069107, 5010591069121 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

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