



EVO-STIK Waterproof Wall Tile Adhesive

A READY MIXED, WATERPROOF TILE ADHESIVE

Date: 14 January 2016

Fact Sheet No.: TDS00376

YOUR SMART ADVANTAGES

- Quick and easy to apply
- Long open time
- A waterproof, non-slip, thin – bed adhesive

USES

EVO-STIK Waterproof Wall Tile Adhesive is suitable for fixing ceramic wall tiles to most types of sound interior surfaces, including cement render, plaster, plywood, plasterboard, blockboard, wood chipboard, old glazed tiles, and glazed bricks. Ideal for use in areas subject to infrequent wetting and condensation such as shower walls, kitchens and bathrooms.

PRODUCT CHARACTERISTICS

Colour	Off White
Physical form	Structured paste
Specific Gravity	1.6 approx.
Composition	An acrylic aqueous emulsion with inorganic extenders
Product Codes	30811582 Economy 30812631 Standard 30812632 Large 30812633 Extra Large
Storage/Shelf Life	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 and out of direct sunlight. Protect from frost.
Solids Content	80% approx.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +30°C		
Service Temperature	-20°C to +70°C		
Open Time	20 minutes, at 20°C		
Coverage	Sizes	Notched Trowel	Solid Bed
	Economy	1.0m ²	0.5m ²
	Standard	2.3m ²	1.2m ²
	Large	4.7m ²	2.3m ²
	Extra Large	9.5m ²	4.7m ²
	Coverage is dependent upon the nature of the substrate, the adhesive bed thickness and the type of tile.		
Drying Times	24 hours at 20°C on standard backgrounds 72 hours at 20°C on impervious backgrounds		

DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK Waterproof Wall Tile Adhesive refer to the relevant Health & Safety Data Sheet, available at www.bostik.co.uk.

PREPARATION

1. Surfaces must be rigid, dry, flat, clean and free from paint, grease, dust or loose flaky material.
2. Remove wallpaper, emulsion paint and any other weakly bonded finishes.
3. If tiling over old ceramic tiles, check stability and re-fix if loose. If tiling onto new brickwork or plaster, allow to dry completely before tiling, usually 6 weeks.



FM 01696
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4. Prime plaster with diluted EVO-STIK Evo-Bond PVA at 1 part PVA to 4 parts water by volume. Allow to dry until a dry film has formed. Drying time will be dependent upon ambient conditions.
5. Loosely nail a wooden batten horizontally to the wall at least one tile height from the lowest point you are tiling to e.g. skirting board. Use spirit level to ensure batten is level.
6. Try to ensure that it is not necessary to cut thin pieces of tile above or below the batten as this can look untidy. If possible, cut tiles should be placed in corners and edges where they are not so noticeable.
7. Measure tile widths across the batten then mark a vertical line with a plumb line down the centre of the area to be tiled. Mark the wall behind the string line and loosely nail the wooden batten vertically to the wall along the marks. Check the batten is vertical with a spirit level.

APPLICATION

8. Do not apply at temperatures below 5°C

Notched Trowel Method (dry areas):

9. Spread the adhesive onto the wall with a plane trowel, or float, to an even depth of 3mm.
10. Spread only sufficient material for approx. 20 minutes working time i.e. approx. 1m², less in higher ambient conditions.
11. 'Comb' the adhesive immediately with a notched trowel, e.g. one having 6mm x 6mm notches at 12mm centres.
12. Press the dry tiles with a slight twisting action into the adhesive.
13. It is recommended to occasionally lift a tile to check that adequate contact and wetting out is being achieved. Most of the back of each tile should be in good contact with the adhesive.
14. Continue tiling in small areas finishing with the bottom row. Ideally cut tiles should be located at the edges. Remove the baton and fix the final row of tiles.

Solid Bed Method (wet areas):

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

Spacing of Tiles:

17. If self-spacing tiles are being used, they will automatically give the correct spacing for the tiles.
18. If self-spacing tiles are not being used, joints of between 1.5mm and 3mm should be left around each tile by the insertion of tile spacers during the fixing.

19. Ceramic tiles should never be fixed with tight joints.
20. Minor adjustments can be made to the tile up to five minutes after the application.
21. Tile spacers may be carefully removed approx. 1 to 2 hours after application, when the adhesive has sufficiently dried.

Grouting:

22. Apply the grout at least 24 hours after tiling, but where tiles have been fixed over an impervious background, such as over glazed tiles, 72 hours must be allowed before grouting.
23. Protect wall tiling from water for at least 7 days after grouting, or according to the instructions on the grout packaging.
24. Remove any excess grout from the surface of tiles immediately.

CLEANING

25. While it is still wet, surplus adhesive must be removed immediately from surrounding surfaces using a damp cloth.
26. Clean tools and equipment immediately after use with warm water.
27. Remove bulk using a rubber squeegee.
28. Remove the residue of uncured material using a damp cloth.

PRECAUTIONS IN USE

EVO-STIK Waterproof Wall Tile Adhesive is not suitable with natural stone and porcelain tiles. Do not apply at temperatures below 5°C. The adhesive should not be used where it will be subjected to long term dampness. Not suitable for use in areas of continuous immersion i.e. swimming pools. When applied in areas subject to frequent or prolonged wetting, the background must be water resistant. Not designed to bond floor tiles. Do not use as a grout. Drying time will be extended if the product is applied to non-absorbent surfaces, or not in accordance with the instructions e.g. too thick.

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 EVO-STIK Waterproof Wall Tile Adhesive, available at www.bostik.co.uk.



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BOSTIK HOTLINE

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**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No: TDS00376

Product Description: **EVO-STIK Waterproof Wall Tile Adhesive**

Product Code: **5010591999664, 5010591416710, 5010591416727, 5010591416734**

Intended Use: **Improved 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 Standard: **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)-5696 and 154497-25393**

Declared Performance: **D2TE**

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	$\geq 1 \text{ N/mm}^2$	
Adhesion strength after water immersion	$\geq 0.5 \text{ N/mm}^2$	
Adhesion strength at elevated temperature	$\geq 1 \text{ N/mm}^2$	
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	
Dangerous substances	See MSDS	

The performance of the EVO-STIK Waterproof Wall Tile Adhesive 5010591999664, 5010591416710, 5010591416727, 5010591416734 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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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



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