

Date: 12 November 2013

Information Sheet No.: TDS00013

EVO-STIK WATERPROOF ADHESIVE & GROUT FOR CERAMIC & MOSAIC TILES

READY MIXED, WATER BASED, ADHESIVE AND GROUT

Evo-Stik Waterproof Adhesive & Grout for Ceramic & Mosaic Tiles is an easy to use, brilliant white, ready-mixed ceramic wall tile adhesive & grout. It is mould resistant and waterproof when set. Evo-Stik Waterproof Adhesive & Grout for Ceramic & Mosaic Tiles complies with EN 12004 (equivalent to BS5980 Type 2 Class AA). Before using this product refer to the relevant Health & Safety Data Sheet.

Features

- Non-slip, ready for use and will bond and grout in dry areas to sound surfaces of cement rendering, plaster, plaster-board, old glazed tiles, wood and wood composite panels.
- Suitable for use in kitchen and bathroom areas subject to frequent and prolonged wetting and for domestic shower walls when applied by the solid bed method.

Product Characteristics

Colour	Brilliant White.		
Form	Structured paste.		
Specific Gravity	1.80 approximately.		
Composition	An acrylic aqueous emulsion with inorganic extenders.		
Solids Content	80%, approximately.		
Product Code	416512	Economy	x 12
	416529	Standard	x 1
	416536	Large	x 1
	416543	Trade	x 1
Shelf life/storage	24 months unopened from date of manufacture. Store in dry conditions between 5°C and 30°C.		

Typical Performance Data (approx.)

Open time	20 minutes.
Application temps	+5°C to +40°C.
In-service temps	-20°C to +100°C.
UN number	Not classified for transport.

Coverage	Size	Notched trowel	Solid Bed
	Economy	1.1m ²	0.35m ²
	Standard	2.1m ²	0.7m ²
	Large	4.1m ²	1.5m ²
	Trade	8.2m ²	3.0m ²

The above figures are approximate and do not include wastage. They also assume flat surfaces. Note that different trowels often apply the adhesive at different rates.

Directions for use

IMPORTANT

Before using Evo-Stik Waterproof Adhesive & Grout for Ceramic & Mosaic Tiles refer to the relevant Health & Safety Data Sheet. Available at www.bostik.co.uk named as the code above.

Preparation

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

Application

Notched Trowel Method (dry areas)

1. Spread the adhesive onto the wall with a plane trowel, or float, to a depth of 3 mm.
2. 'Comb' the adhesive immediately with a notched trowel, e.g., one having 6 mm x 6 mm notches at 12 mm centres.
3. Press the dry tiles with a slight twisting action into the adhesive.

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4. Spread only sufficient material for about 20 minutes tiling work, i.e. about 1 m².
5. It is good practice to remove a tile occasionally to check that adequate contact and wetting out are being achieved. Most of the back of each tile should be in good contact with the adhesive.

Solid Bed Method (wet areas)

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

Spacing of Tiles

1. 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 1 mm and 2 mm should be left around each tile by the insertion of pieces of card or tile spacers during the fixing.
2. Ceramic tiles should never be fixed with tight joints. Minor adjustments to the position of a tile may be made up to 5 minutes after the application.
3. Spacers may be removed about 1-2 hours after application.
4. Leave the tiles for at least 24 hours before grouting to ensure the adhesive is dry. Impervious backgrounds may need up to 72 hours under good drying conditions.

Grouting

1. Working in areas of 0.5 m² apply grout firmly into the tile joints using the grouting edge of the spreader and remove any excess immediately from the face of the tiles.
2. As a section is grouted return to the previous area and gently wipe along the joint with a damp sponge to smooth and compact the grout.
3. After 2 hours remove any grout remaining on the tiles with a damp nylon scourer, working carefully to avoid damaging the joints or scratching the tile surface.
4. Polish the completed work with a clean, dry cloth. Tiled areas subject to direct wetting, e.g., showers, should be left to dry for a week before being used.

Cleaning

1. Whilst it is still wet, surplus adhesive must be removed immediately from surfaces using a damp cloth.
2. Immediately after use, clean tools with warm water. As the adhesive dries to a water resistant residue, an abrasive pad may be found to be of assistance.

Precautions in Use

Unsuitable for areas of permanent immersion, e.g. swimming pools. The product should be applied to backgrounds at temperatures above 8°C. When applied in areas subject to frequent or prolonged wetting, the background must be water resistant.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data Sheet for Evo-Stik Tile A Wall Waterproof Adhesive & Grout for Ceramic & Mosaic Tiles.

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CONSTRUCTION PRODUCT REGULATION DECLARATION OF PERFORMANCE

No: TDS00013

Product Description: **EVOSTIK ADH & GROUT W/P**

Product Code: **5010591999657, 5010591416529,
5010591416536, 5010591416543**

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

Manufacturer: **Bostik Ltd**
Contact Address: **Ulverscroft Road
Leicester
LE4 6BW**

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)-5697**

Declared Performance: **D1E**

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	$\geq 1 \text{ N/mm}^2$	
Extended open time: tensile adhesion strength	$\geq 0.5 \text{ N/mm}^2$ after not less than 30 minutes	
Release of dangerous substances	See MSDS	

The performance of the above product is in conformity with the declared performance as defined under EN 12004:2007 +A1:2012.



PRODUCT DATA



FM 1696
BS EN ISO 9001:2008

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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: *A Jamieson*

Date: 6th June 2013

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