



EVO-STIK Floor Tile Adhesive & Grout for Wooden Floors

A READY-MIXED, FLEXIBLE ADHESIVE & GROUT

Date: 14 January 2016

Fact Sheet No.: TDS00208

YOUR SMART ADVANTAGES

- Flexible formulation absorbs vibration & shrinkage
- For use with ceramic and quarry tiles
- Waterproof

USES

EVO-STIK Floor Tile Adhesive & Grout for Wooden Floors is a ready to use adhesive and grout, specially developed for tiling ceramic or quarry tiles directly onto wooden floorboards, tongue and groove flooring, plywood (when used with waterproofed plywood, an extended drying time is required before grouting) or chipboard. EVO-STIK Floor Tile Adhesive & Grout for Wooden Floors provides the flexibility required between ceramic or quarry tiles and wooden floors to allow the natural movement of the wood. This removes the need for overlaying plywood as required with traditional cement-based floor tile adhesives when tiling onto wooden flooring.

EVO-STIK Floor Tile Adhesive & Grout for Wooden Floors is not suitable for use with glass, marble, porcelain, natural stone, terracotta or underfloor heating. For tiling onto wooden floors with underfloor heating, we recommend EVO-STIK Floor Tile Adhesive & Grout Underfloor Heating for Wood & Concrete Floors.

For concrete or cement screed floors, use EVO-STIK Floor Tile Adhesive & Grout for Concrete Floors.

PRODUCT CHARACTERISTICS

Colour	Grey
Form	Structured paste
Specific Gravity	1.75 approx.
Composition	An acrylic aqueous emulsion with inorganic extenders.

Product Codes	30812930 Large x 1 30812931 Extra Large x 1
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.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+10°C to +30°C
Service Temperature	-20°C to +70°C
Open Time	20 minutes at 20°C
Coverage	Large: Fixes & Grouts up to 1.8m ² based on 2.5mm solid bed and 5mm joints. Extra Large: Fixes & Grouts up to 3.6m ² based on 2.5mm solid bed and 5mm joints Coverage is dependent upon the nature of the substrate, the adhesive bed thickness, tile dimensions and the width of grout joints.
Drying Times	Can be grouted after 24 hours Note: Drying times may be affected by ambient conditions.

DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK Floor Tile Adhesive & Grout for Wooden Floors refer to the relevant Health & Safety Data Sheet, available at www.bostik.co.uk.



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PREPARATION

1. Ensure surfaces are flat, dry, clean, porous and free from dust, grease and paint prior to tiling to ensure a good bond.
2. All contaminants such as paints, varnishes, wax polishes etc. must be removed.
3. The surface may require sanding, to make it porous.
4. When tiling onto wooden floors or directly onto floorboards, new boards should be allowed to adjust to prevailing conditions. Ensure that boards are firmly screwed (not nailed) at 150mm intervals to ensure there is no excessive movement. If gaps between boards are greater than 6mm it is recommended to cover existing surfaces with a minimum 15mm plywood which is firmly screwed down (not nailed) at 150mm intervals.
5. If large tiles are to be used special care is required to prevent excessive flexing of timber floors to prevent cracking of tiles. This may require the use of an overlay to add stability.
6. Floors which move visibly when in use must be stabilised by affixing plywood sheets, greater than 12mm thick, with screws so that the floor is stable. Floating floors where boards cannot be stabilised by screw fixings must be stabilised by affixing plywood sheets as above.
7. Very porous surfaces should be primed with EVO-STIK Evo-Bond PVA at 1 part to 4 parts water by volume prior to tiling.
8. It is recommended that you work in small areas of approximately 1m².
9. Mark the floor in the centre of the room with two lines at right angles to each other. Place a row of tiles on the dry floor starting at the intersection of the two lines. Allow a minimum of 3mm and a maximum of 6mm grout widths between the tiles. Check your starting position gives the most efficient use of tiles to ensure it will not be necessary to cut thin pieces of tile to fit any edges or corners.

MIXING

10. Stir the adhesive well before use – a wooden stick is suitable.

APPLICATION

As Adhesive:

11. Tile small areas at a time, to avoid walking on newly tiled areas until they are dry.
12. Working in small areas, use a notched trowel to apply a solid bed of adhesive onto the floor to a maximum thickness of 4mm. Gently comb the adhesive to achieve a ribbed effect.

13. To test if the bed thickness is satisfactory, after the first tile has been laid, carefully lift a corner. The adhesive should have been transferred to the back of the tile and only a rippled layer be seen on both the floor and the tile. If some tile is visible then a little more adhesive will be necessary.
14. Place the tiles immediately onto the adhesive, pressing down with a slight twisting action to ensure a good bond is achieved.
15. Use a rubber mallet to gently tap the tops of the tiles to ensure they are firmly positioned.
16. Use a spirit level across several tiles to ensure they are laid as evenly as possible.
17. Clean any excess adhesive from the tile face and clean joints as tiling continues. Excess adhesive must be removed from the surface of tiles and joints with a damp cloth, whilst the adhesive is still wet.
18. Allow 24 hours after application before grouting.

Spacing of Tiles:

19. If self-spacing tiles are being used, they will automatically give the correct spacing for the tiles. If self-spacing tiles are not used, joints of up to 10mm should be left by the insertion of tile spacers during the fixing.
20. Ceramic tiles should never be fixed with tight joints.
21. Minor adjustments to the position of a tile can be made up to 5 minutes after application.
22. Tile spacers may be carefully removed after approx. 1 to 2 hours, when the adhesive has dried sufficiently.

Grouting:

23. Working in small areas, compact EVO-STIK Floor Tile Adhesive & Grout for Wooden Floors into the grout joints using a grout spreader or float ensuring the joints are completely filled.
24. Smooth the grouted joint with a grout finisher.
25. Remove any excess grout with a lightly dampened sponge. Wipe gently in a diagonal direction to avoid disturbing the grout. Clean the sponge regularly.
26. Before using tiled area, allow to dry for 24 hours at 20°C and then polish with a clean cloth. Do not wet floor for at least 7 days after tiling and/or grouting.

CLEANING

27. Whilst it is still wet, surplus adhesive must be removed from surrounding surfaces using a damp cloth.
28. Clean tools and equipment immediately after use with warm water.
29. Remove bulk using rubber squeegee.



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30. Remove the damp film uncured material using a damp cloth.

PRECAUTIONS IN USE

EVO-STIK Floor Tile Adhesive & Grout For Wooden Floors is not suitable for use with glass, marble, porcelain, natural stone, terracotta or underfloor heating. Not suitable for sites of continuous immersion such as shower floors or swimming pools. Drying time will be extended at low temperatures, in damp conditions, with poor ventilation, if the product is applied on to non-absorbent surfaces or not in accordance with the instructions, e.g. too thick, aim for a thin solid bed of adhesive. EVO-STIK Floor Tile Adhesive & Grout For Wooden Floors is an aqueous adhesive, which forms strong bonds by evaporation of water. It cannot, therefore, be used to bond ceramic tiles onto impervious surfaces, e.g. plastic underfloor heating pads. Do not tile onto substrates in excessively hot conditions, or when the temperature is less than 10°C. Minor colour variation can occur between batches. To ensure colour consistency, use product from the same batch number.

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 EVO-STIK Floor Tile Adhesive & Grout for Wooden Floors, available at www.bostik.co.uk.



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**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No: TDS00208

Product Description: **EVO-STIK Floor Tile Adhesive & Grout for Wooden Floors**

Product Code: **5010591622289, 5010591622296**

Intended Use: **Improved 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 reports (131338)-5700 and (143966)-18528**

Declared Performance: **D2E**

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

The performance of the product EVO-STIK Floor Tile Adhesive & Grout for Wooden Floors 5010591622289, 5010591622296 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: April 2014



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Full information on these products and advice on application is freely available from our fully trained staff throughout the country. In addition, specialist technical advice is available from our Technical Services Department. This TDS supersedes all previous TDSs relating to the Products, and users of it must ensure that it is the current issue. Destroy all previous TDS, and if in any doubt, contact the Company, quoting the code number in the top right hand corner on the front of this document.

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