



EVO-STIK Wood & Concrete Floor Floor Tile Adhesive & Grout FOR FIXING AND GROUTING CERAMIC & QUARRY TILES TO FLOORS

TECHNICAL SHEET NO: TDS00085 10/10/2023

SMART ADVANTAGES

- Ready-mixed, waterproof, flexible formulation
- For kitchens & bathrooms
- Tile directly over suitable wooden floors and screeds

DESCRIPTION

EVO-STIK Wood & Concrete Floor Floor Tile Adhesive & Grout for is a ready-to-use adhesive and grout specially developed for tiling ceramic or quarry tiles directly onto suitable interior wooden, concrete and screed floors. It is suitable for internal use only.

EVO-STIK Wood & Concrete Floor Floor Tile Adhesive & Grout is not suitable for use with glass, marble, porcelain, natural stone, terracotta, or underfloor heating systems.

For tiling onto concrete with underfloor heating we recommend EVO-STIK Floor & Wall Adhesive Fast Set for Wood and Concrete Powder Adhesive.



TECHNICAL CHARACTERISTICS

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| Colour | Grey |
| Form | Structured paste |
| Specific gravity | 1.75 approx. |
| Composition | An acrylic aqueous emulsion with inorganic extenders |
| Application temperature | +10°C to +30°C |
| Service temperature | -20°C to +70°C |
| Open time | Applied adhesive will remain receptive for approx. 20 minutes at +20°C |
| Drying time | Set time: 24 hours Walk-on time: 24 hours (depending on adhesive bed thickness, substrate porosity and ambient conditions) |
| UKCA / CE classification | D2E |

COVERAGE

- Solid bed: up to 1.4m²
- Grouts: up to 1.8m²
(depending on nature of the of substrate, adhesive bed thickness, tile dimensions and the width of the grout joints)

APPLICATION

IMPORTANT: Before using EVO-STIK Wood & Concrete Floor Floor Tile Adhesive & Grout, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

- Ensure surfaces are flat, porous, strong enough to support tiles, clean, dry and free from dust, dirt, oil, grease, paint, varnish, wax polishes, sealers, loose materials and other surface contaminants which may impair adhesion.

New concrete & screed floors:

- When tiling onto concrete or screed floors, it is important that the area to be tiled is fully dried to at least 10mm below the surface. To test for dampness, simply place a piece of polythene 1m² onto the floor and tape around the edges. Leave for 24 hours. Any moisture underneath the polythene indicates dampness. A drying time of 24 hours per 1mm thickness should be allowed. Repeat the test for dampness to ensure the floor has dried sufficiently.

Old concrete & screed floors:

- It is essential that the floor is both porous and dry. A simple test for porosity is to apply a drop of water to the surface, which should be absorbed and produce a dark area.
- The surface may require sanding, or mechanical removal of sealers or contamination to make it porous.

Wooden floors:

- Floorboards should be stabilised by affixing exterior grade plywood greater than 15mm thick with screws so that the floor is stable.
- The plywood should be screwed (not nailed) down at 300mm centres.
- If large tiles are to be used, special care is required to prevent excess flexing of timber floors to prevent cracking of tiles.
- On wooden plywood floors, only prime if necessary. Priming wooden plywood floors may reduce the porosity of the floor and increase the drying time of the adhesive. Alternatively, the plywood can be dampened with a water spray mist prior to application of the adhesive to prevent excessive absorption of the adhesive.
- If priming is required, prime with Bostik Universal Primer at 1 part primer to 3 parts water by volume, prior to tiling.
- The maximum application thickness of adhesive is 3mm.
- It is recommended that you work in small areas of approx. 1m².
- 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.

APPLICATION

- Stir well before use - a clean wooden stick is suitable.

Fixing:

- Tile small areas at a time, to avoid walking on newly tiled areas until they are dry.
- Working in small areas, use a floor tile trowel to apply a solid layer of adhesive onto the floor, to a maximum thickness of 3mm. Gently comb the adhesive to achieve a ribbed effect.
- Place the tiles immediately onto the adhesive, pressing down with a slight twisting action to ensure a good bond is achieved.
- To test that the adhesive thickness is satisfactory, after the first tile has been laid, carefully lift it at one corner. The adhesive should have been transferred to the back of the tile without voids on both the floor and the tile. If some of the tile is visible, then more adhesive is required.
- Use a rubber mallet to gently tap the tops of the tiles to ensure that they are firmly positioned.
- Use a spirit level across several tiles to ensure they are laid as evenly as possible.
- Tile spacers should be used to separate each tile and ensure regular spacing. 3mm is recommended, but no more than 6mm.
- While the adhesive is still wet, remove any excess from the surface of the tiles and joints using a clean, damp cloth.
- Allow a minimum of 24 hours for the adhesive to dry before grouting. On low-porous surfaces and in damp or cooler temperatures, the drying time will be greatly extended.

Grouting:

- Allow the adhesive to dry and stabilise before grouting.
- Working in small areas, compact the grout into the joints using a grout spreader or grout float. Ensure the joints are completely filled.
- Remove any excess grout before it has dried with a lightly dampened sponge. Wipe gently in a diagonal direction to avoid disturbing the grout. Clean the sponge regularly.
- Before using the tiled area, allow to dry for at least 24 hours at +20°C and then polish with a clean cloth. Do not subject the floor to heavy foot traffic for at least 24 hours after grouting. Do not wet the floor for at least 7 days after tiling and/or grouting.

CLEANING

- Clean tools and equipment with warm water immediately after use. Remove surplus adhesive with a damp cloth whilst still wet.

STORAGE

- Store and transport securely in an upright position. Ensure the lid is secure. Store for up to 12 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +30°C and out of direct sunlight. Protect from frost.

PRECAUTIONS IN USE

Do not fix or grout tiles in temperatures below +10°C, or in excessively hot conditions. Setting times will be greatly increased in low temperatures, damp conditions, in areas with poor ventilation, if excess adhesive is used, or if the substrate is sealed, not fully dry, or is non-porous. EVO-STIK Wood & Concrete Floor Floor Tile Adhesive & Grout is an aqueous

adhesive which forms strong bonds by evaporation of water. It cannot, therefore, be used to bond ceramic tiles onto non-porous surfaces, e.g., plastic underfloor heating pads. It is not suitable for areas of continuous water immersion, such as swimming pools or shower floors. Do not tile over vinyl tiles.

The colour indicated on pack is a guide only. It is recommended that users apply a small amount of EVO-STIK Wood & Concrete Floor Floor Tile Adhesive & Grout in an inconspicuous area and allow to dry to determine colour suitability before commencing work. Shade variations may occur between batches. When completing project requiring multiple buckets, please ensure that 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 EVO-STIK Wood & Concrete Floor Floor Tile Adhesive & Grout, available at www.bostik.com/uk.

PACKAGING

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| Product codes | 30626384 | Large tub |
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