



EVO-STIK Rapid Set Floor Tile Adhesive

A RAPID SETTING ADHESIVE FOR CERAMIC & STONE TILES

TECHNICAL SHEET NO: TDS00047 19/12/2024

SMART ADVANTAGES

- Rapid setting formulation – takes foot traffic in as little as 2 hours
- Waterproof and frost resistant
- Suitable for interior and exterior use

DESCRIPTION

EVO-STIK Rapid Set Floor Tile Adhesive is a grey cement based tile adhesive that will set in as little 2 hours. It is suitable for use with, ceramic, dark natural stone, quarry, slate, granite, and terrazzo. Waterproof and frost resistant, it is suitable for interior and exterior use.

EVO-STIK Rapid Set Floor Tile Adhesive can be applied directly onto many common substrates including sand/cement screeds and tile backerboard. It can be applied to a maximum thickness of 6mm.



TECHNICAL CHARACTERISTICS

| | |
|--------------------------------|--|
| Colour | Grey |
| Form | Powder |
| Composition | Blend of cement, polymers and selected fillers |
| Application temperature | +5°C to +35°C |
| Gauging liquid | Water |
| Application thickness | 3mm to 6mm |
| Pot life | Approx. 30-40 minutes at 20°C (depending on ambient temperature and humidity) Set time: 2-3 hours |
| Drying times | Grouted: after 2-3 hours Foot traffic: 2-3 hours (+20°C, depending on application thickness, ambient temperature and humidity) |
| UKCA/ CE classification | C1F |

COVERAGE

- Approx. Up to 8m² per bag
(depending on the smoothness and absorbency of the surface)

APPLICATION

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

PREPARATION

- Ensure substrates are clean, dry, sound, flat, strong and rigid enough to support tiles, free from cracks, structural defects and contaminants that may prevent adhesion (e.g., dust, oil, grease, paint, varnish, wax polishes, sealers, loose materials and other surface contaminants).
- The temperature of the application environment must be stable and maintained between +5°C and +35°C throughout the application and drying of the tile adhesive.
- If using over existing ceramic tiles, it is necessary to clean and prime with a suitable Bostik Primer. Re-fix tiles where loose.
- Remove any loose surface coverings.

FLOOR TILING PREPARATION

- New cementitious screeds must be sufficiently dry. It is recommended a minimum 3 weeks old and new concrete a minimum of 6 weeks before receiving tiling products.
- If tiling onto calcium sulphate screeds, contact Bostik Technical Services.

PRIMING

- Priming is recommended on certain substrates as it will aid adhesion.

| Floor Substrate | |
|--------------------------------|---|
| Porous/dusty surfaces* | EVO-STIK Flexible Primer (diluted 1 : 2 with water) |
| Calcium sulphate- based screed | Contact Bostik Technical Services |

*The surface needs to be vacuumed to ensure loose particles are removed.

MIXING

- Pour approximately 4.1L of clean cold water into a clean mixing bucket. Gradually add the 20kg bag of EVO-STIK Rapid Set Floor Tile Adhesive until a thick creamy consistency is achieved.
- Once the product is mixed it can set within 30 to 40 minutes (depending on drying conditions). The mixture is ready for use immediately. No water should be added after the original mixing.

FIXING

- Spread the adhesive evenly using a notched trowel at a minimum depth of 3mm. On uneven surfaces the adhesive may be used to a maximum depth of 6mm.
- Spread the adhesive no greater than 1m² or 20 minutes working time.
- A solid bed of adhesive must be used when fixing tiles.
- Back buttering is recommended for larger format tiles.
- Use a spirit level across several tiles to ensure that they are laid as evenly as possible.
- Fix tiles using a slight twisting action. Occasionally lift a tile to ensure the adhesive has completely covered the reverse of the tile.

GROUTING

- Allow 2 hours after application before grouting. For best results use EVO-STIK tile grout.
- Follow the tile manufacturer's instructions for protecting and sealing the tiles before and after grouting.

CLEANING

- Clean tools and equipment with warm, soapy water immediately after use. Remove surplus adhesive from surfaces whilst it is still wet. Dried and hardened adhesive can only be removed mechanically.

STORAGE

- Store and transport securely. Store for up to 12 months from date of manufacture in original, unopened packaging, clear of the ground, in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from excessive draughts, frost, damp, condensation and dew.

PRECAUTIONS IN USE

EVO-STIK Rapid Set Floor Tile Adhesive - for any substrates not mentioned in this Technical Datasheet, contact Bostik Technical Services.

Do not tile onto substrates in excessively hot conditions, or when the temperature is less than 5°C. The mix ratios and temperatures are provided as guidance.

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 Rapid Set Floor Tile Adhesive, available at www.bostik.com/uk.

PACKAGING

| Product code | 30812714 | 20kg bag |
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