

STILE FLEXIFIX



PRODUCT DESCRIPTION

STILE® FLEXIFIX is a flexible, high-performance adhesive engineered for superior deformability and long open time, it is suitable for challenging applications including large-format porcelain tiles, slabs, underfloor cooling & heating systems, and wet areas.

KEY FEATURES

- High Flexibility to Absorb Substrate Movement and Thermal Stress.
- Excellent Adhesion on Challenging Substrates and Tile-Over-Tile Applications.
- Extended Open Time with Reduced Slip for Faster, More Convenient Installation.
- Ideal For Wet Areas, Balconies, Façades, And Underfloor Heating & Cooling Systems.

INTENDED USE

- Suitable For Large Format Porcelain Tiles and Natural Stones.
- Designed For Both Interior and Exterior Wall and Floor Applications.
- Ideal For Wet Areas, Balconies, Façades and Recommended for Under Floor Heating and Cooling Systems.
- Optimized For Low Absorption Substrates and Engineered to Bond Securely on Glossy Surfaces, With Added Flexibility For High-Movement Areas (S1).
- Designed For Residential Spaces and Heavy-Traffic Commercial Environments Requiring Enhanced Durability.

APPLICATION METHOD



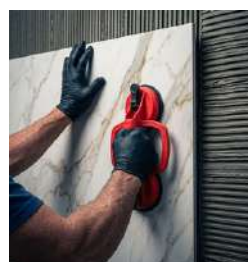
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PROPERTIES

Product	STILE® FLEXIFIX
Chemical Base	OPC/Fillers
Class	C2TES1
Shelf Life	10-12 Months
Bed Thickness	≥ 5 mm
Pot Life	> 3 Hours
Color	Grey/White
Packaging	20/25 KG
Water Requirement	5 ± 0.5 L/Bag
Coverage	2-3 m ² /Bag*

**Depends on site conditions*



STORAGE

When stored in its original, unopened packaging under dry and covered conditions, STILE® FLEXIFIX has a shelf life of 12 months from the date of manufacture. Keep protected from moisture, humidity, direct sunlight, and extreme temperatures.

SAFETY PRECAUTIONS

This product contains cement-based materials that, when mixed with water, produce an alkaline solution which may cause skin and eye irritation. Ensure adequate ventilation during application and wear suitable protective equipment, including gloves, safety goggles, and a dust mask or respirator.

Avoid inhalation of dust. In case of skin contact, wash thoroughly with soap and water. If the product comes into contact with the eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, do not induce vomiting; seek medical attention immediately. This product is non-flammable.

LIMITATIONS

- Not intended for structural movement joints.
- Not recommended on weak, dusty, or unstable substrates.
- Not to be used on contaminated surfaces (oil, grease, curing compounds, etc.).
- Not suitable for frozen or damp substrates during application

INSTRUCTIONS FOR USE

- Confirm that the substrate is completely clean, dry, and entirely free from any contaminants such as dust, oil, or loose particles.
- Mix STILE® FLEXIFIX with clean water according to the specified ratio, stirring the mixture thoroughly until it forms a completely lump-free, homogeneous paste. Allow the paste to stand undisturbed for 5 minutes after mixing to let it set.
- Spread the adhesive evenly onto the surface using a notch trowel to guarantee a proper and uniform spread.
- Carefully position the tile over the adhesive and press down firmly, tapping it gently with a rubber mallet or utilizing a handheld vibrator to ensure maximum, secure contact across the entire surface.
- Clean away any excess material from the edges and allow the adhesive to fully cure before proceeding with the grouting process.

CLEANING

Wash tools thoroughly with water before the adhesive sets. Hardened material cannot be dissolved and must be removed mechanically.

TECHNICAL SPECIFICATIONS

Initial Tensile Adhesion (At Standard Condition) EN 1348 / ISO 13007-2	≥ 1 N/mm ²
Initial Tensile Adhesion (Water Immersion) EN 1348 / ISO 13007-2	≥ 1 N/mm ²
Initial Tensile Adhesion (Heat Ageing) EN 1348 / ISO 13007-2	≥ 1 N/mm ²
Initial Tensile Adhesion (Freeze & Thaw) EN 1348 / ISO 13007-2	≥ 1 N/mm ²
Transverse Deformation (S1) EN 12002/ ISO 13007-2	≥ 2.5 mm
Slip (T) EN 1308/ ISO 13007-2	≤ 0.5 mm
Extended Open Time (E) EN 1346/ISO 13007-2	≥ 30 min

Note: Values are measured under typical laboratory conditions.

DISCLAIMER

STILE® disclaims all forms of express or implied liabilities such as loss and damages, all forms of warranties including but not limited to implied warranties of merchantability and fitness for a particular purpose.

This Product is subject to variation in technical specifications due to inherent variability in the raw materials and production process. Express technical specifications are not guaranteeing of minimum or maximum thresholds of performance. In practice, the differences in materials, substrates and actual site conditions are such that no warranty nor any liability arising out of any legal relationship whatsoever can be inferred.

The finish product quality and the result are reliant on the workmanship of the applicator which may vary from case to case. Although all recommendations within the literature provided are designed to achieve best product results, unforeseen circumstances may still arise and affect the end quality. The manufacturer cannot warrant or guarantee any particular method of use, performance or application under any particular condition and the end-consumer is responsible for determining the suitability of intended purpose and assumes all risks therein. In no event, will STILE® be liable to any party of any damages, injury or loss caused by (including but not limited to) any failure of performance, direct, indirect, special or other consequential damages including, without limitation, any lost profits, business interruption or incidental damages, such as reinstallation costs or cost of labor.

This information corresponds to the present state of our knowledge and is intended as a general description of this product and its possible application. STILE® makes no representations, warranties, or assurances as to the accuracy or completeness of the information, content, material or product included in this product literature.

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