



Porcelain Tile Fix

Polymer-modified, weather-resistant adhesive for porcelain tiles

Uses

- Specially designed for porcelain tiles.
- Suitable for non-absorbent tiles, including large ones.
- Tiling on smooth concrete surfaces, lightweight bricks, blocks, and plasterboards.
- Tiling on cement and gypsum boards.
- Tiling on wall surfaces plastered with Vetonit's products.
- Suitable for dry and wet conditions.

Product Description

Porcelain Tile Fix is a deformable cementitious adhesive with improved characteristics, slip resistance, and extended open time (as per ISO-13007-1 class C2 TE S1 description). It is composed of hydraulic binders, selected aggregates, and special additives. The product is supplied as a dry powder in pre-weighed bags ready to use on-site; requiring only the addition of clean water to produce an easily workable mortar. Porcelain Tile Fix is suitable for a dry-set fixing mortar, particularly for porcelain tiles. Porcelain Tile Fix is applied at a thickness of 3 - 10 mm, depending on the type of tiles and the quality of the substrate.

Advantages

- Factory-controlled pre-blend ensures consistently high quality.
- Requires only the addition of water on-site at the time of use.
- Easy tile installation that enables high productivity.
- Superior workability.
- Excellent slip resistance.
- Excellent adhesion on a variety of tiles available in the local market.
- Water and weather-resistant.
- Suitable for internal and external applications.
- Suitable for horizontal and vertical surfaces.

Standards Compliance

- BS EN 12004 as C2TE S1
- SASO ISO 13007-1 as C2TE S1

Technical Data

Porcelain Tile Fix	Typical Values @ 25°C
Appearance	White/Grey Powder
Aggregate Size	1.35 max
Application Thickness (mm)	3 - 10
Open Time (Minutes)	30
Adjustability (Minutes)	≤ 15
VOC (gm/liter)	< 25
SASO ISO 13007-1 Classification	C2TE S1
Tensile Adhesion (Bond Strength) @ 28 day (SASO ISO 13007-2) - Heat Aging (MPa)	≥ 1.0
Tensile Adhesion (Bond Strength) @ 28 day (SASO ISO 13007-2) - Water Immersion (MPa)	≥ 1.0
Deformation at break SASO ISO 13007-2 (mm)	≥ 2.5 and < 5
Mixed Density (kg/litre)	1.55 ± 0.1
Minimum Application Temperature (°C)	5

Usage Instructions

Surface Preparation

The surface should be sound, clean, and free from loose material, oil, grease, laitance, dirt, curing compound, etc.

Wet all surfaces (except gypsum boards) with clean water before applying Vetonit Porcelain Tile Fix. The surface should appear damp with no water pooling.

Mixing

For the mortar adhesive preparation, pour 5 - 7 litres of water into a container then add the powder from the 20 Kg bag of Porcelain Tile Fix and mix using a low-speed electric drill fitted with a suitable paddle until a uniform, lump-free consistency is achieved. Allow the mixed material to stand for about 10 minutes and remix briefly without adding further water.

You can blend Vetonit Porcelain Tile Fix manually for small quantities, however, you must maintain the correct ratio of powder to water. Do not add water to the mixture once the mortar adhesive begins to harden.

Application

Spread the mixed mortar adhesive using a notched trowel. Firmly press the mortar onto the surface that will be tiled then spread it to an area that can be tiled within 10 - 15 minutes. Press the tiles firmly over the mortar adhesive and immediately knock them into the desired position. Adjust the position of the tiles, if required, within the recommended adjustability time of 10 - 15 minutes after installation.

Leave installed tiles undisturbed for at least 48 hours. The mortar adhesive must not rise between the tile joints higher than half of the thickness of the tiles. It is recommended to use Vetonit Tile Grout to fill the joint gaps after 2 days of tile installation.

For further information regarding the suitable substrates and tiles on which this product can be safely applied, please contact Saveto's technical department.

Cleaning

Clean tools and equipment with water immediately after use. Remove the hardened material using mechanical means.

Legal Disclaimer

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Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

Packaging & Coverage

Product	Pack Size	Coverage
Porcelain Tile Fix	20 Kg Bag	4.3 - 4.9 m ² at 3 mm thickness (as per mixed density 1.45 kg/litre ± 0.1 kg)

Stated consumption data are for general guidance. Actual consumption depends on the nature of the substrate, method of application, and wastage.

Shelf Life & Storage

The original sealed bag of Porcelain Tile Fix has a shelf life of 12 months, provided it is stored off the ground in a dry, shaded place at a temperature below 35°C.

Health & Safety

Porcelain Tile Fix is highly alkaline; therefore, avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. Any skin contact should be washed with soap and water. In case of eye irritation, immediately wash with a copious amount of clean, cold water and seek medical advice.

Porcelain Tile Fix is non-flammable.

For more information, refer to the material safety data sheet.

Additional Information

Saveto manufactures a wide range of construction chemicals and speciality products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.