



Tile Fix Universal

Water Resistant Porcelain Tile Adhesive

Uses

- Tiling of Porcelain tiles with a improved open time.
- Suitable for Ceramic, Natural Stone and Mosaic tiles
- Ideal for tiling on smooth concrete surfaces, plastered walls and screeds.
- Suitable for dry & wet conditions.
- Suitable for Internal and External Tiling, Walls and Floors

Product Description

Tile Fix Universal is a normal cementitious adhesive for ceramic tiles with slip-resistance properties (as per ISO-13007-1 class C2TE description). The material is composed of hydraulic binders, selected aggregates, and special additives. It 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. Tile Fix Universal is ideal for fixing Porcelain, Ceramic, Marble and terrazzo tiles. It should be applied at a thickness of 3 - 12 mm, depending on the substrate's type and the quality of the tiles.

Advantages

- Factory-controlled pre-blend ensures consistently high quality.
- Requires only the addition of water on-site at the time of usage.
- Easy tile installation that enables high productivity.
- Superior workability.
- Excellent adhesion to a variety of ceramic tiles available in the local market.
- Water-resistant.
- Suitable for internal and external applications.
- Suitable for horizontal & vertical surfaces.
- Free from Asbestos or Asbestos Containing Materials

Technical Data

Tile Fix Universal	Typical Values @ 25°C
Appearance	Grey or White Powder
Dry Density	1.4 ± 0.1 Kg / Liter
Wet Density	1.6 ± 0.1 Kg / Liter
Application Thickness	3 - 12 mm
Open Time	20 minutes
Adjustability	10 - 15 minutes
VOC	< 25 gm/Liter
BS EN 12004 Classification	C2TE
Initial Tensile Adhesion (Bond Strength) @ 28 days	≥ 1.0 MPa
Tensile Adhesion (Bond Strength) @ 28 days Heat Aging	≥ 1.0 MPa
Tensile Adhesion (Bond Strength) @ 28 days Heat Aging	≥ 1.0 MPa
Tensile Adhesion (Bond Strength) @ 28 days Freeze Thaw	≥ 1.0 MPa
Open Time Tensile Adhesion (Bond Strength) @ 28 days	≥ 0.5 MPa

Standards Compliance

- BS:EN 12004 as C2TE
- ISO 13007-1 as C2TE

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 with clean water before applying adhesive. The surface should appear damp with no water pooling.

Mixing

For the mortar adhesive preparation, pour 6.0 - 7.0 L. of water into a container then the powder from the 25 Kg bag of Tile Fix Universal and mix using a low-speed electric drill fitted with a suitable paddle until a uniform, lump-free consistency is achieved. For a 50 kg bag, use 12 - 14 L. of water.

Allow the mixed material to stand for about 10 minutes and remix briefly without adding further water.

You can blend the adhesive manually for small quantities, however, the correct water-to-powder ratio must be maintained.

Do not add water to the mixture once the mortar adhesive begins to harden.

Application

Spread the mixed mortar adhesive, and firmly press it onto the surface that will be tiled; work with a notched trowel. Spread the mortar adhesive to an area that can be tiled within 10 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.

Allow the installed tiles to remain undisturbed for at least 48 hours. Mortar adhesive must not rise between the tile joints higher than half 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

Saveto endeavors to ensure that any advice, recommendations, information it may give is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products because it has no direct or continuous control over where or how its products are applied, whether or not following any advice, specification, recommendation, or information given by us. Saveto has the right to change any of the technical datasheets specifications upon its discretion without prior notification.

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
Tile Fix Universal	25 Kg Bag	~ 5 m ² at 3 mm.
	50 Kg Bag	~ 10 m ² at 3 mm.

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 Tile Fix Universal 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

Tile Fix Universal 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 & water. In case of eye irritation, immediately wash with a copious amount of clean cold water. Seek medical advice. Tile Fix Universal is non-flammable.

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.