

PRODUCT DESCRIPTION

TileFix 401 is a single component standard cementitious tile adhesive, made of hydraulic binders, selected aggregates, and special chemical additives, designed for fixing ceramic tiles onto interior walls and floors. It is easy to use by just adding water, improving on-site quality control.

USES

To fix a wide range of ceramic tiles for internal use/dry areas. It shows good adhesion between tile and substrate

APPROVED SUBSTRATES

TileFix 401 can be used to tile directly onto Concrete and Cementitious Plaster and Renders, blocks.... Gypsum substrate is not recommended unless previously treated.

PACKAGING

20 kg in paper bag

COVERAGE

3-5 Kg / m² depending on application thickness and method.

Recommended thickness between 3-10 mm

Manufacturer does not warrant square meter coverage, which can vary greatly according to application techniques.

PROPERTIES

- **Easy to use**
- **Cost-effective**
- **Excellent Adhesion**
- **Superior Workability**
- **Suitable for Horizontal & Vertical use**
- **Factory Controlled Quality**
- **Non-toxic**

TECHNICAL DATA

Appearance	Free-flowing whitish powder
Bulk Density (Kg/L ± 0.5)	1.5
Water Demand (%)	24 - 26
Open Time (min)	20
Tensile bond strength (MPa)	≥0.9
Compressive strength (MPa)	≥9
EN12004 / ISO13007 Classification	C1T

INSTALLATION

MIXING

Use a clean container free of all foreign substances for preparing and mixing material. Use a heavy duty electric drill and mixing paddle. Add water in small increments while mixing thoroughly to achieve lump-free consistency. Avoid working excessively to prevent air entrapment. Let mixture set for 5 minutes and re-temper. Small amount of clean water may be added if necessary to improve workability.

SUBSTRATE PREPARATION

Surface must be sound, clean, dry, free of bond-inhibiting materials such as paint, grease, oil, efflorescence, form release agents and curing compounds. It should have been sufficiently cured in a way that any shrinkage has already occurred. Moisten slightly the substrate with clean water prior to application. Surface should appear damp with no water pooling.

APPLICATION

Apply TileFix 401 evenly on the substrate to be tiled, cover an area than can be tiled within 10-15 minutes. Use a notched trowel to have a uniform thickness (will depend on the type and area of the tiles). Apply the tiles on the adhesive and press them firmly into the desired position,

while making sure that the paste does not slip from the tile sides. Adhesive must not rise higher in the joints than half the tile thickness. Joint gaps should be filled with Pleko TileGrout 2 days after tile installation.

TileFix 401 can also be applied directly on the back of tiles to ensure full adhesion on the entire surface.

LIMITATIONS

Apply only to unfrozen surfaces above 4 °C (40°F). Maintain minimum 4 °C (40°F) ambient temperature for 24 hours after application. Substrate made of gypsum are not advisable. Not to be used in swimming pools or exterior facades/floors.

CLEANING

While still fresh, soluble in water. Clean all equipment with water immediately after use.

STORAGE

Store in cool, dry, well-ventilated area, protected from freeze, heat and direct sunlight and at a temperature between 4°C (40°F) and 38°C (100°F), in tightly sealed original container. Storage time must not exceed one year.

HEALTH AND SAFETY

Avoid contact with eyes and skin. Prevent inhalation of dust.

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention.

The product is non-flammable

Attention

This product is intended for use by qualified professional contractors, as a component of a larger construction system and specification. It should be installed in accordance with given instructions and specifications. Information listed above reflects the criteria for our internal quality test and practical experience. Results depend on listed instructions and consumer skills and are therefore out of our responsibility whether expressed or implied. All values are valid for the product when dispatched from the plant. We reserve the right to change any given specification without notice.

