

PRODUCT DESCRIPTION

TileFix 306 is a high performance, factory mixed polymer modified thick bed cementitious tile adhesive. It can be used in conjunction with PlekoBond A / AC to produce a latex-cement mortar of exceptional performance. Made of hydraulic binders, selected aggregates, and special chemical additives, it is designed for preparing conventional thick cement mortar beds for tile fixing on interior and exterior (when mixed with PlekoBond AC).

USES

To fix a wide range of tiles for internal and exterior uses, as well as wet areas such as bathrooms and kitchens. Can also be used for swimming pools (when mixed with PlekoBond A or AC). It shows excellent adhesion between tile and substrate. Can also be used for cement plasters, and concrete repairs.

APPROVED SUBSTRATES

TileFix 306 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 or 50 Kg in paper bag

COVERAGE

Approx. 0.35-0.45 sqm per 20Kg bag at 25mm thickness. Manufacturer does not warrant square meter coverage, which can vary greatly according to application techniques.

PROPERTIES

- **Easy to use**
- **Economical**
- **Superior Workability**
- **High Strength Formula**
- **Factory Controlled Quality**
- **Non-toxic**

TECHNICAL DATA

Appearance	Free-flowing whitish powder
Bulk Density (Kg/L \pm 0.5)	1.67
Water Demand (%)	10-13
Pot Life (min)	>45
Tensile bond strength (MPa)	\geq 1.5
Compressive strength (MPa)	\geq 25
Compressive strength mixed with Pleko Bond A / AC (MPa)	\geq 33
Water Absorption (%)	5-7%
Water Absorption mixed with Pleko Bond A / AC (%)	<5%

Applicable Standards: ANSI A 118.4-6.1., A118.6-4.4; ASTM C627 heavy / Extra Heavy

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

For Bonded Mortar Bed: prime substrate with PlekoBond A or a slurry of PlekoBond A/AC & PlekoTile Fix 401. While still sticky apply TileFix 306 mortar mix to desired thickness and compact well. Apply more slurry bond coat and place the tile into the desired position and firmly press it into the wet mix, while making sure that the mix 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.

For Unbonded Mortar Bed: first lay down a cleavage membrane such as a 4-mil thick polyethylene sheeting or 15-pound builder felt onto the substrate. Then, spread mortar over the cleavage membrane, filling it to approximately half the depth of the mortar bed. Following that step, position a 50 mm x 50 mm, 16-gauge galvanized welded wire mesh on top of the mortar. Make sure the wire mesh is suspended in the middle of the mortar bed. Proceed to add the remaining mortar to complete the bed. Thoroughly spread and compact the mortar. The minimum thickness for the mortar bed should be 50 mm, apply a slurry bond coat consisting of PlekoBond A/AC and PlekoTile Fix 401 and place the tile into the desired position and firmly press it into the wet mix, while making sure that the mix 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.

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.