

Aquafin Pakistan (Pvt) Ltd.
Steel House West Wharf Road,
Karachi 74000 / Pakistan
phone: +92 21 35361132
fax: +92 21 32310976
email: info@aquafinpakistan.com
web: www.aquafinpakistan.com



Technical Data Sheet

TIFIX

Tile Fixing Adhesive

Properties:

TIFIX is an economic polymer modified powder adhesive prepared with high quality raw materials for superior bonding. TIFIX is resistant to water and freeze-thaw-changes.

Areas of application:

TIFIX is used as tile adhesive for tiling of ceramic materials (thin bed method). Natural stone material can be bonded with TIFIX, however, the specific properties of the products are to be considered. It is suitable for adhesive for construction boards of gypsum plaster, gypsum cellulose and polystyrene.

Technical Data:

Basis: sand/cement
cement grey

Colour:

Filler composition: fine sand

Bulk density: 1.3 – 1.4kg/l

Application temperature: +5°C upto 30°C

Pot life*: approx. 2 hour

Jointable*: after 24 hrs

Traversable*: after 24 hrs

Cleaning:

Immediately after use with water.

Packaging:

25 kg bag

Storage:

Dry. 12 months, open bags are to be used up as soon as possible.

Consumption:

Depending on surface and material condition, minimum 1.5 kg/m² per mm thickness of layer.

Surface preparations:

The surface has to be dry or slightly moist, load bearing, free from dirt, dust or parting agents. Prime absorbent surfaces with Acryseal WB. Smooth concrete surfaces have to be roughened, anhydrite screed has to be grinded, vacuumed and primed with Acryseal WB.

Product preparations:

TIFIX is to be mixed with tap water in a clean vessel until a knot-free pasty mortar is obtained.

Mixing ratio: 7 litre water to 25 kg TIFIX After a short maturing time, it is mixed again being used within the next hour. The mortar is applied continuously on the surface and scraped with a serrated trowel. Do not cover more surface than required, keeping within the working time of 15 minutes. The tiles are fixed with light pressure. Light weight building materials like gypsum card-boards or other suitable boards are bonded to vertical surfaces by the spot fixing method.

Important advice:

TIFIX contains cement and reacts alkaline with moisture. Therefore:

- Protect skin and eyes
- In case of irritation wash thoroughly with clear cool water
- In case of eye contact seek immediate medical treatment

For laying of tiles, slabs on highly stressed areas such as for balconies and terraces, we recommend the application of a high elasticated bonding two component system TIFIX-FLEX HS.

Thin bed mortar which has already hardened should not receive additional water or freshly mixed mortar amounts. This may cause a lack in strength development.

For permanent under water areas (swimming pools and water vessels etc.), we recommend TIFIX-FLEX HS.

TIFIX is an hydraulic hardening mortar which can, take several days to completely harden under the influence of bad weather conditions. The area should be protected against rain and frost exposure. Surfaces which are not to be treated should be protected prior to the application of TIFIX.

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