

TRI-FIX 444

General purpose ceramic adhesive

Description

Tri-Fix 444 is a blend of cement, graded aggregates and powder polymers with additives to produce a high quality adhesive for fixing ceramic floor and wall Tiles in exterior or interior applications.

**The product is certified by National Research Center.
The product is certified by Engineering collage - Ain Shams univeristy.**

The product complies with EN 12004 , EN 1348 , EN1346 , EN 1308 .



Usage

Fixing ceramic tiles in kitchen, bathrooms, floors, walls, exterior cladding and terraces.

Advantages

- Highly workable, can be easily applied.
- Excellent bonding even in damp condition.
- Economical to use.
- Extended pot life.
- Factory blended, needs only the addition of clean water.

Technical Data @°25c

DISCRETIONS	VALUE
Base	Cement, polymer and special additives
Color	White - Grey.
Density	1.85 kg / L
Setting time	45 min @ 25 C
Tensile strength EN : 1348,20 EN 1348	0.52 MPA
Tensile strength Water Immersion	0.57 MPA
Tensile strength after heating	0.47 MPA
Slip resistant	0.47 mm
Rate of use (theoretical)	8-10 m ² per 25 kg bag

Factory & Head Office:

6 October City - 4th Industrial Zone - Al Oula Industrial Zone Plot No.: 14
Tel.: (002) 011 195 48267 - Sales: (002) 010 007 88817 - (002) 011 184 87597
Technical Support Call : (002) 011 184 87880 - Email: sales@tichem-eg.com

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Directions for use

Surface preparation

The surface should be clean, sound and free of dirt, dust, grease and oil.
All crevices, holes in the substrate should be filled up and leveled.
For best results damp down the surface slightly but not tiles.
During application substrate must be free from rising dampness and
Other hydrostatic pressure.

Mixing

Mix **Tri-Fix 444** with water at the ratio 5 to 6 liters of water per 25 kg of powder until a uniform lump free consistency is obtained. Leave the mass for 5 to 10 minutes to complete the chemical reaction.
Mixing should be by a forced action mixer.
Hand mixing is recommended only for small quantity.

Application

Apply **Tri-Fix 444** to a uniform thickness of 3mm to 6mm on the substrate.
Do not spread more than 1m² at a time.
For horizontal application and heavy - duty vertical applications, a solid fixing Bed is recommended. For other vertical application use a toothed spatula to Comb horizontally to remove excess quantity of adhesive.
The trowel should have 6mm notches at 25mm intervals center to center.
Place the tile on the adhesive bed, press it and set carefully, so that the mortar is spread evenly.
The tile joints may be filled with **Tri-Tile Grout** a minimum of 24 hours after the fixing of tiles.

Cleaning

After application remove the excess material using a wet cloth and clean
All tools and equipments with water immediately.

Package

Available in 25 kg bags

Shelf Life

Has a shelf life of 12 month stored in dry and cool place

Storage

Should be store in original closed container, avoid the direct sun light,
mousers. The storage temperatures (10 – 30) C°t.

Fire

The product is non flammable.



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Health and Safety

As with all construction chemical products, caution should be always Be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce Vomiting, but call for medical assistance immediately.



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