

## TRI-FIX UW

Tile & Ceramic adhesive for damp and under water conditions

### Description

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 Organization for Potable water & Sanitary Drainage.**

**The product is certified by National Research Center. complies with EN 12004**



### Uses

- Fixing ceramic tiles in kitchen, bathrooms, swimming pools, floors, walls, Clay Bricks exterior Cladding and terraces.
- Fixing terrazzo quartz tiles on all types of masonry surfaces.
- Fixing marble recommended to add 1 L of **Tri - Latex SBR** to 25 kg bag.

### Advantages

- Highly workable, can be easily applied.
- Excellent bonding even in damp condition.
- Excellent resistance to water and humidity.
- Economical to use.
- Extended working time.
- 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 - 60 min @ 25 C
Pull off strength	1.1 MPA
Tensile strength EN : 1348 : 2007	1.16 MPA
Open time EN 1346 : 2007	1.30 hour
Slip resistant EN 1308 : 2007	0.75 mm
Rate of use (theoretical)	8-10 m <sup>2</sup> per 25 kg bag for 1.5-3 mm thickness

#### 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

## **TRI-FIX UW**

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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 tiles.

During application substrate must be free from rising dampness and other hydrostatic pressure.

#### **Mixing**

Mix **Tri-Fix UW** with water at the ratio 5 to 6 liters of water per 25 kg of powder

Until a uniform lumps 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.

Apply **Tri-Fix UW** to a uniform thickness of 3mm to 8 mm on the substrate.

Do not spread more than 1m<sup>2</sup> 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.

### **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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