

# PolyFix UTA

## Description

**PolyFix UTA** is water proofing cementitious tile adhesive for both external and internal application. The one component product is suitable for both walls and floors.

## Uses

**PolyFix UTA** is used for fixing ceramic tiles, marble tiles, granite, terrazzo, and quartz tiles on most construction substrates (concrete, masonry, and cement plaster).

## Features

- Highly workable, can be easily used.
- High bonding strength even in damp conditions.
- Can be used with large format tiles.
- Designed for high build and to reduce lippage.
- Extended correction time.
- Special additives added to minimize shrinkage in the system.
- Safe, non flammable, and non hazardous.
- Economic to use.

## Technical Properties

Color	Grey & white
Curing time	24 hours
Correction time	25 minutes
Bonding strength	≥ 2.5 MPa
Bonding Adhesion	≥ 2 MPa on steel ≥ 1.2 MPa on concrete
Water absorption	Below 3%
Wet density	1800 kg/m <sup>3</sup>
Ph of the mix	Approx. 10
Shelf life	12 months

## Standards

BS 5980 type I Class A

ANSI A118.1

## Application procedure

**Surface preparation:** Surface should be sound, clean and free of dirt, grease, sealers, mould release oils or curing compounds. For best results damp down the surface but not the tiles. During application surface must be free from rising dampness and other hydrostatic pressure.

**Mixing & Application:** Mix **PolyFix UTA** with water at the ratio 6 to 7 liters of water per 25 kg of powder to get a paste like, lump free consistency. Wait for 5 minutes. Remix thoroughly and adjust consistency if needed to obtain a cream like consistency. Apply the mixture with a suitable notched trowel on to the substrate or the tile, and re-comb to adjust the surface, apply the tile and adjust by pressing carefully. It's recommended to work 3 to 5 square meters at a time. Apply the Grouting material after a minimum of 24 hours.

## Coverage

The coverage is highly dependent on the substrate. However, approximately 2.5 kg is needed per square meter if a notched trowel (6mm x 6mm) is used.



Universal Waterproofing Tile Adhesive

# PolyFix UTA

**PolyCem**

▶ engineered cements

## Storage & Packing

Store under cover, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in air-conditioned environment.

Available in 25 kg. packs

## Health and safety

As with all construction chemicals products caution should 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.



## Legal Notes

The information provided in this data sheet, are given in good faith based on our current knowledge and experience of the product when properly stored, and applied by professional applicator, and under normal conditions in accordance with the mentioned recommendations. In practice under actual site condition differences are such that no warranty can be issued nor any liability can be taken, arising out of any legal relationship whatsoever. The product must be tested onsite to check its suitability for the intended application and purpose

# PolyBit


**HardStep**  
▶ concept engineered floorings

**PolyCem**  
▶ engineered cements

**FlexSeal**

**PolyInCrete**  
▶ tailored concrete

bitumen solutions  
**BituShield**

 **Office** :39 Makram Ebied , Nasr City , Cairo

 **Factory** : Block 7/4 Arab Engineer Industrial Area , Cairo

[www.polybit.co](http://www.polybit.co)