

POLYALK TA

POLYMER MODIFIED, CEMENTITIOUS TILE ADHESIVE

POLYALK TA is a single component, ready to use, tile fixing adhesive. It is specially formulated for greater adhesion in fixing of ceramic, mosaic, quarry, terrazzo and cement tiles to masonry and cementitious substrates as well as walls.

Normally, the material used for fixing tiles is neat cement paste, which loses its workable consistency after about 30 minutes and more water has to be added. This results in decreased bond strength. The shrinkage that takes place in cement, on drying, is a potential hazard, particularly on a vertical surface. In fact, these are the reasons for tiles debonding and falling off. To overcome the inadequacies of traditional bedding and fixing materials, POLYALK TA has been developed & specially designed for such applications. It increases the adhesion and durability.

USES

- Fixing tiles to masonry, cementations substrates like floors and dry walls.
- Fixing tiles on existing tiled surfaces.
- Fixing tiles for interiors as well as exteriors.
- Bonding of tiles to overhead surfaces.
- Fixing tiles on bathroom/toilet walls.

ADVANTAGES

- Ready to use, only add water at site.
- Can be applied directly on the substrate or tile in a single layer ranging in thickness from 3mm onwards.
- Excellent slip resistance and good open time.
- Minimum shrinkage and no curing.

PROPERTIES

Appearance	:	POLYALK TA WHITE - White free flowing Powder
	:	POLYALK TA GREY - Grey free flowing Powder
Pot-life	:	1 hour ±15 minutes
Adjustability Time	:	5 - 10 minutes

INSTRUCTIONS FOR USE

Surface Preparation

- Clean the surface. Remove all loose particles, dust, paint, wall paper and free the surface of any oil, wax etc, using a water jet.

Mixing

- Mix 2.5 parts POLYALK TA with 1 part of water by volume (6.7 - 7.5 Litres of water for each 25 Kg bag of POLYALK TA).
- Mix thoroughly with slow speed drill or with paddle to get uniform lump free, paste consistency.
- Allow material to stand for 3 minutes, and again stir the mixture.

Application

- Apply the mixture using a flat trowel at a thickness of 2-3 mm and comb with a notched trowel.
- Prime the back side of the tile using a suitable bonding agent (if required).
- Fix tiles immediately with a slight twisting action and hammer gently with a soft mallet to assume a better bond.

Finishing

- Remove excess POLYALK TA with a damp cloth before the material sets.
- After 24 hours, grouting of joints may be done.

CONFORMANCE

- Conforms to BS 5980 -1980.

COVERAGE

- 6.5 M² per 25 Kg bag of POLYALK TA for an average 2-3 mm thickness. Depends on the type of tile and condition of the substrate.

PACKING

25 Kg bags. Available in grey & white shades.

STORAGE & SHELF LIFE

- 6 months when stored in a cool & dry place, away from direct sunlight, in original sealed packing.

DISCLAIMER

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