



EUCO TILE FIX 312

POLYMERISED THIN BED TILE ADHESIVE

EUCLID CHEMICAL

DESCRIPTION

EUCO TILE FIX 312 is a cementitious, water resistant, single component polymerised grey tile adhesive compliance with C1TE standard. It is designed simply to mix with water to provide a strong, non-slip and highly workable adhesive mortar with an extended open time for interior and exterior area application upto 12 mm thickness. Ideal for installation of low porosity vitrified tiles, tiles Tile-on tile, marbles, Mosaic ceramic and stone tiles for wall and floors.

PRIMARY APPLICATIONS

- Tiling in interior walls and Floors
- Tiling in exterior floors
- Floor Tile -on tile application for small and medium sized tiles
- Tiling on cementitious waterproofing such as Euclid Chemical's waterproofing series

FEATURES/BENEFITS

- Complies with European Norm & Indian Standards
- Excellent Adhesion
- Single component & easy to use
- Extended open time of 30 minutes
- Non-slip
- Adjustable up to 15 minutes
- Shrinkage compensated

TECHNICAL INFORMATION

Material properties tested under laboratory conditions @ 27°C, 50% RH.

PROPERTY	VALUE
Appearance	Grey powder
Component	Portland Cement, non-reactive aggregates and other chemical additives
Bulk density	1.40- 1.50 gm/cc
Mixed Density	1.60-1.90 gm/cc
Water Demand	3:1 By volume (22-24%)
Pot Life	Approx. 2-3 hours
Adhesion to concrete	1.0 N/mm ²
Open Time	30 Min
Adjustability time	20 min
Setting time	24 Hours
Slip resistance	< 0.5 mm

PACKAGING

EUCO TILE FIX 312 is packaged in 20 kg bags.

Standards compliance

IS: 15477:2019 Type 2, ISO:13007 C1TE

DIRECTIONS FOR USE

Approximately 1.45 – 1.50 kg/sq.m per mm of Thickness.

- Consumption is approximate and depends upon surface condition and application methodology

Surface Preparation: Surface must be free from grease, mould oil, rust, rusty metal, wood peels, paints, plastics, loose particles, contamination on any traces of foreign materials affecting the adhesion of EUCO TILE FIX 312.

Mixing: Mix a bag of dry mix powder (20kg) with appropriate amount of water 3:1 by volume using an electric mixer. i.e., approx. 4.4 – 4.8 L of water for 20 kg EUCO TILE FIX 312. Let the mixture stand for 5-10 minutes for the additive to dissolve, and then mix again before use.

Application Method: EUCO TILE FIX 312 can be applied at least 7 days after application of render or screed. Before application dampen the surface with clean water and allow excess water to drain away. Apply EUCO TILE FIX 312 by using a notched trowel directly onto substrate, over which tiling can be achieved within 30 minutes under normal temperature and humidity condition. Strong sunshine, low humidity, high wind speed or highly water absorbed substrate reduces the open time of tile adhesive.

Recommended to use suitable tile grout for grouting 1 day after tiling.
Surfaces are ready to use after 2 weeks.

CLEAN-UP

Clean all the tools and application equipment with water immediately after use. Hardened and/or cured material can only be mechanically removed.

Limitations

Do not add Excess water than recommended
Do not add Cement or Sand into the mix
Do not use for external wall Installation.
Do not use for large format tiles and Fixing Stones on walls,
Do not use on Gypsum plaster, paint, wood and Metal
Do not use on wet Surface and more than 15mm thick
Protect surface for at least 24 hours from Direct rainfall and Foot traffic

SHELF LIFE

12 months in original sealed container stored in a dry cool place under cover out of direct sunlight. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.



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