



# EUUCO TILE FIX 313

POLYMERISED THIN BED TILE ADHESIVE

EUCLID CHEMICAL

## DESCRIPTION

EUUCO TILE FIX 313 is a cementitious, water resistant, single component highly polymerised high performance tile adhesive compliance with C2TE 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 both interior and exterior application. Ideal for installation of low porous and vitreous tiles, marble, granite, ceramic and other Natural Stones for wall and floors.

## PRIMARY APPLICATIONS

- Interior and exterior wall tiling on renders or cement mortar
- Interior and exterior wall tiling on concrete
- Tiling on cementitious waterproofing such as Euclid Chemical's waterproofing series

## FEATURES/BENEFITS

- Complies with European Norm & Indian Standard
- Consistent quality
- Single component
- Extended open time of 30 minutes
- Non-slip
- Adjustable up to 20 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. 3 - 4 hours  |
| Tensile Adhesion Strength | >1.0 N/mm <sup>2</sup>   |
| Open Time                 | 30 min   |
| Adjustability Time        | 20 Min   |
| Setting time              | 24 Hours   |
| Slip resistance           | < 0.5 mm   |

## PACKAGING

EUUCO TILE FIX 313 is packaged in 20 kg bags

## 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.

## Standards

Complies to IS 15477:2019 Type 2, ISO:13007, EN 12004 C2TE

## DIRECTIONS FOR USE

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

- Consumption is approximately 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 313.

**Mixing:** Mix a bag of dry mix powder with water 3:1 by volume using an electric mixer. i.e., Add approx. 4.4 – 4.8 L of water for EUCO TILE FIX 313. Let the mixture stand for 5-10 minutes for the additive to dissolve, and then mix again before use.

**Application Method:** EUCO TILE FIX 313 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 313 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.

## 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 and Sand at site

Do not use on paint 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



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