

## BC Tile Adhesive FD

### Description:-

BC Tile Adhesive FD is a rapid cure one component, pre-packed tiling adhesive mortar combining cement with selected grades of silica sand and several admixtures and polymeric additives that enhance set time and curing speed of the mixed material. BC Tile Adhesive FD has good bonding and consistency in different climate, and can be used for adhering different kind of tiles. Only requires addition of water.

### Uses:

Extremely fast drying and 8 hours walk through time which facilitate quick turn around and mass production at customer site
Factory mixed – Consistent quality
Better workability. Save 25-50% of time
Better coverage: 8-9 m <sup>2</sup> per 20 Kg (based on 2 mm mortar thickness)
Tiles can be adjusted up to 30minutes after application
Fixing wide range of tiles
Good bond adhesion

### In the following substrates:

Concrete
Hard natural and reconstituted stone
Solid rock and gypsum fabricated modular structures
Hollow and solid masonry
Cementitious plaster and render

### Characteristics / Advantages:

Extended Open Time up to 30min at 20°C
Pot life up to 2h30min at 20°C
Initial setting time is up to 180 mins@2cm applied thickness
Final setting time starting 420min(7-8 Hours )
Excellent adhesion to the substrate
Economical by 10-20% than conventional mortar
Low wastage





## **Consumption / Dosage:**

Material consumption is 2.5 - 6.5Kg/m<sup>2</sup> depending on desired thickness.

## **Substrate Preparation:**

The substrate must be structurally sound and free from all traces of loose material, laitance, oil and grease. Substrates must be saturated surface- dry (no standing water).

## **Mixing:**

Place 2/3 of water quantity into the recipient bulk, add the tile adhesive powder slowly to the water while mixing; the usage of a mechanical mixer with low rotation speed is recommended. Add the remaining 1/3 water and mix until reaching a homogeneous mortar lumps free.

Keep the paste rest for 2 to 3 min prior application.

The exact water needed should be determined based on trials.

## **Product Application:**

Apply BC Tile Adhesive FD on the substrate using a notched trowel in order to achieve a minimum uniform thickness of 2cm . Press firmly the tile into the substrate for certain seconds to ensure good contact with the adhesive. For better and full adhesion, apply BC Tile Adhesive FD on both: back of the tile and substrate

## **Color:**

White

## **Packaging:**

Bag of 20 Kg

Pallet: 50 bags per palette.

## **Storage Conditions / Shelf-Life:**

12 months from date of production if stored properly in original unopened, sealed and undamaged packaging in cool and dry conditions at temperatures between +5°C and +35°C. Protect from direct sunlight. Protect from humidity

