

TIGONIS TILE BONDER



DESCRIPTION

Tigonis Tile Bonder is an economical on-site mix additive for improving the strength and workability of cement, for fixing of tiles. Tigonis Tile Bonder exhibits very high water retention properties and thus reduces the absorption of water into porous substrates. It provides workability, sufficient sag resistance as well as appropriate setting time. The adjustability is good even at low dosages and high ambient temperatures. It enhances the self-curing properties of cement.

AREAS OF APPLICATION

Tigonis Tile Bonder with cement slurry is used for fixing tiles on conventional method / leveling bed application. For fixing tiles on wall, Tigonis Tile Bonder is to be mixed with cement and / or sand and can be applied by notch trowel.

FEATURES

- ▶ Improves bonding strength
- ▶ High open time & anti-sag properties
- ▶ Good adjustability time with high water retention
- ▶ It can be used with both grey and white cement
- ▶ No shrinkage and cracks

BENEFITS

- ▶ Easy to use, no special tools required
- ▶ Economical and ready to use solution for tile fixing
- ▶ Environmentally safe

METHOD OF APPLICATION

Surface

The surface should be clean and free from dirt, oil or grease before application of conventional cement method or leveling bed.

Joints Preparation

Expansion joints coinciding with joints in the substrate should be incorporated at the design stage with spacing at 5 mtrs maximum and it is not to be covered with tiles.

Mixing

Tigonis Tile Bonder should be mixed with cement & sand to fix the tiles.



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METHOD OF APPLICATION

A. Cement + Tigonis Tile Bonder:

Take 10 Ltrs of water in a clean and dry vessel. Slowly, mix 50 Kg Cement and 300 gms of Tigonis Tile Bonder under stirring to obtain a uniform lump-free consistency. Finally, add 5 Ltrs. of Water to get a soft and smooth paste.

B. Cement + Sand + Tigonis Tile Bonder:

When using with sand, take 300 gm Tigonis Tile Bonder only for 25 kg cement and desire quantity of sand.

- a. "Water dosage can be decreased / increased depending upon cement and sand available at site to achieve the desired consistency for application"
For hand-mixing, the total quantity of the mixture should be reduced to enough to ensure a soft and smooth, lump-free paste.
- b. Mix the quantity, which can be used within 30 minutes.

COVERAGE

- ▶ Around 2-2.5Sq.ft / 1 kg cement additive mix depending on cement bed conditions at 3 mm thickness.
- ▶ Coverage would depend upon porosity of substrate.

Technical Information

Colour : White

Appearance: Free flowing powder

Sl. No.	Parameters	Result
1	Tensile Adhesion Strength(kN) (Dry Condition)	0.8 kN @ 28 days
2	Shear Adhesion Strength (kN) (Dry Condition)	8 kN @ 28 days

PACKAGING

300 gms pouch

SHELF LIFE

Factory sealed pack of this product are guaranteed to be best quality for one year* from the date of Manufacturing, if stored off the ground in a dry area.

*High humidity will reduce the shelf life of the bagged product.



Step-1



Step-2



Step-3



Step-4



Step-5

MANUFACTURED FOLLOWING BIS STANDARDS



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