

Description

Iolite fix Ultra adhesive is a highly polymer modified cement-based tile adhesive for fixing tiles and stones at any height. It is also suitable for substrates subjected to vibration/ deformation.

Advantages

- Provides excellent bond strength on variety of substrates
- Sag resistant formula- for easy application on walls
- No curing is required
- Water resistant and suitable for wet areas
- Low VOC
- High deformable adhesive- sustains vibration of substrate



Packaging

- 20 kg Bag

Coverage

Coverage is based on smoothness and evenness of substrate, size of the tiles used and thickness of tile adhesive.

A coverage of 5-6 Sq. m. is achieved when the thickness of 3 mm is achieved. Prepare the adhesive by mixing 20 kg Iolite fix Ultra adhesive powder with 5-6 litres of water.

Shelf Life

Factory sealed bags of Iolite fix Ultra adhesive carries a shelf life of 12 months if stored off the ground in dry conditions ensuring protection from direct sunlight and extreme temperature. The shelf life varies as per the site & storage conditions and ambient weather.

Limitations & Caution

- Apply the adhesive on the fully prepared and sound cementitious substrate
- Usage on substrate of age 28 days is advisable.
- Do not exceed the recommended water dosage.
- During cold weather, protect finished work from use until fully cured.
- May irritate eyes and skin. So, rinse thoroughly with water in case of prolonged contact.
- Do not take internally. Silica sand can cause detrimental effects on lungs. Wear respirators in dusty areas.
- Keep out of the reach of children.

Technical and product information

Colour	Grey
Packaging	20 Kg
Water-powder ratio	0.26
Open time	Approx 30 minutes
Pot life	Approx. 4 hours
Adjustability	Approx. 25 minutes
Shear Adhesion strength	Dry condition: 1.5 Mpa Heat aging condition: 1.0 Mpa Wet condition: 1.0 Mpa
Tensile Adhesion strength	Dry condition: > 1.5 Mpa Wet Condition: > 1.0 Mpa
Bulk Density	1.49 g/cc

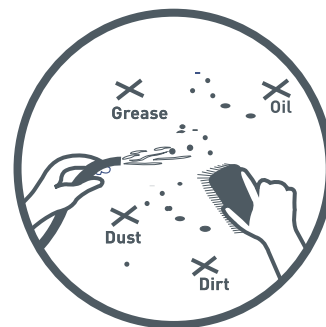


Technical specifications are subjected to change without notification. Results shown are representation of testing methods and conditions available. Actual performance may vary as per site conditions and installation method.

Installation

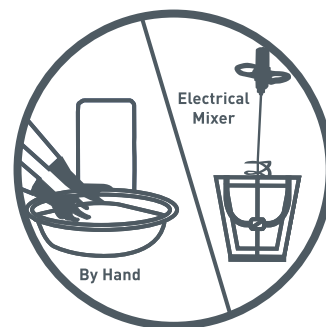
Surface preparation

The substrate should be free from loose particles, dirt and any foreign matter. Also ensure the surface is free from grease, oil and other contaminants. Pre wet or dampen the surface if necessary but SSD condition should be ensured.



Mixing

Mix 5-6 litres of water with the 20 kg pack of lolite fix Ultra adhesive. Mix water with adhesive by hand mixing or slow speed electric stirrer for 3-4 minutes to avoid formation of lumps and ensuring uniform consistency. It is important to add the dry mix powder to the water and not vice-versa. Allow the mixture to rest for 5-10 minutes to allow polymers to act and remix before use.



Application

The mixed adhesive is to be applied with the flat side of the trowel. Additional mix shall be then applied through the notched edge of the trowel.



Clean the excess adhesive by a damp sponge

Iolite Cube Inframaterials Pvt. Ltd.
Jarod-samlaya road, Nr. MGVCL sub-station (GETCO)
Jarod chowkdi, Jarod, Tal. Waghodia, Dist. Vadodara 391510