

STRONGHOLD ON TILES



IC PRECIFIX

Tile Fixing with Precision



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“IC PRECIFIX” is a high performance cement-based, polymer modified, flexible tile adhesive. It is fast setting, specially formulated and designed to suit Indian environmental conditions complying with the EN 12004:2014, Type C2F S1 standards. It is suitable for a bed thickness of 3 mm – 6 mm, interior and exterior floor and wall applications. While it is mainly used for a bed thickness of up to 6 mm, it can also be suitably used for a thickness up to 12mm.

“IC PRECIFIX” can be used for areas which are totally immersed in water e.g. swimming pools, wet rooms etc. The product is recommended for fixing ceramic & vitrified tiles, marble, granite, natural stone and mosaics to a variety of cementitious substrates including those subject to minor movement/vibration.

“IC PRECIFIX” uses the thin bed tile fixing method for a faster, professional and lasting tile installation.

► Features and Benefits

Suitable over concrete, cement renders / plasters, screeds, fibrous cement sheeting, plasterboard & IC approved waterproofing membranes. “IC PRECIFIX” conforms to EN 12004:2007, ISO 13007-1: 2014, ANSI A118.4 and IS 15477:2004

- “IC PRECIFIX” is premixed and ready to use. Only water is to be added at site
- It can be used for both Interior and Exterior application
- High Tensile Adhesion strength results in higher grab and durability
- Self-Curing and Sag Resistant
- Effortless Mixing & Ease of Spreading result in higher output
- Greater workability due to long pot life and extended open time
- Ease of workability & higher coverage leads to higher productivity

► Method of Application

SURFACE PREPARATION

- The surface should be clean and free from dirt, loose material, chemical, oil, grease and other contaminants before application of “IC PRECIFIX”.
- Pre-wet the cementitious substrate and ensure that the substrate is in saturated and surface dry (SSD) state prior to the application of “IC PRECIFIX”.
- Concrete screeds, plastered surfaces, block work and renders should be sufficiently cured to avoid shrinkage cracks. Substrates should be in plumb and or in slope before application of adhesive.
- Roughen the surface or provide mechanical support for higher span tiles or very high grade of concrete to ensure proper bonding, if required.
- Clean the tile to remove any contaminant that may reduce the bond strength.



MIXING

- Pour sufficient amount (as appropriate to be used within the pot life) of “IC PRECIFIX” into a plastic or metal pan containing clean and potable tap water.
- Water demand is typically 27~30%, depending on the surface and application conditions.
- Take 15-20% water initially and wet the sides of the pan to reduce the chances of material sticking to the pan. Mix and add remaining quantity of water gradually to ensure a lump free creamy paste.
- Let the paste stand for 1 minute to mature and remix to ensure proper dispersion of the mix.



- 25 kg of “IC PRECIFIX” needs approximately 7~7.5 liters of water. Use of mechanical stirrer is preferred for a lump free and homogenous mix. Take smaller quantity of “IC PRECIFIX” to ensure a lump free paste in case of manual mixing.
- Mix as much quantity as can be consumed in 2 hours.

APPLICATION

- Apply “IC PRECIFIX” adhesive paste on the substrate with the plain side of the notch trowel. Comb with the notch trowel. The notch trowel is to be selected as per the required bed thickness. The notch size depends on the thickness of the adhesive to be spread over the application area for optimum bonding between the tile and the substrate.
- Firmly press the tile into the adhesive to ensure good initial bonding.
- Spread as much adhesive paste as can be tiled within 20 minutes.
- Start placing/fixing of tiles & tap using beating wooden block or rubber mallet.
- For large format tiles & stone it is advisable to butter the back of the tile along with the substrate with the adhesive covering the whole of the tile for firm bonding.
- Ensure 100% contact of tile and the substrate. Carry out random checks to determine whether the back of the tile is fully covered with adhesive or not.
- Check if the tile adhesive mortar still adheres to the finger if moved on the application area. This is to avoid bonding failure and to ensure that the open time has not lapsed.
- Discard the mixed material if the open time has been elapsed.
- Do not mix fresh and discarded material under any circumstances.
- The tiles once fixed, are advised not to be disturbed till the material has gained sufficient strength. The tiling is ready for grouting within 24 hours of application.



CONSUMPTION

For a bed thickness of 3 mm, the coverage with notch trowel application will be approximately 2-2.5 kg/sqm. The coverage however may vary depending on the surface & working conditions.

CLEANING & SAFETY

- Remove excess mortar on tools and tiles using clean water before it hardens and becomes difficult to dislodge.
- “IC PRECIFIX” is non- toxic, however, as with any cementitious material, avoid prolonged contact with skin and dust inhalation.

PACKAGING

“IC PRECIFIX” is available in 25 kg and 40 kg packaging.

► Storage & Shelf Life

- Store in a cool and dry place. Ensure that the bags do not burst or tear while handling. There should be a gap of 0.5 metre between the walls and the stacks.
- “IC PRECIFIX” will remain usable for a period of six months (6 months) from the date of manufacture, when stored as per the standard recommended conditions.



► Technical Data

(in compliance with EN 12004 and ISO 13007-1)

Parameter		Unit	Typical Value
Bulk density		kg/ltr	1.3~1.4
Water demand		%	27~30
Pot life		Hours (approx.)	2.0
Open time		Minutes	>30
Coverage (using 3 mm notched trowel)		kg/ m2	2.0~ 2.5
Ready for grouting (on walls)		Hours	6~8
Ready for grouting (on floors) & light traffic		Hours	24
Pull off Adhesion Strength	in 07 Days	N/mm2	>1.1
	in 14 Days		>1.3
	in 28 Days		>1.4
Compressive Strength in	07 Days	N/mm2	6.3
	in 28 Days		8.1

Specifications are subjected to change in our pursuit of product improvement. Kindly contact the technical personnel for any clarification.

Please contact us for more information on our products



IC PRECIJOINT
Thin & Strong Jointing Mortar



IC PRECI GROUT
High Strength Precision Grouting



IC PRECI SEAL
Precision Waterproofing Solution



IC PRECI PLAST
Polymer Modified Plaster



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Please share your suggestions and complaints at: customercare@icdrymix.com

Disclaimer: Please read carefully the guidelines given in this leaflet to achieve optimum results. The procedure mentioned here are for ideal conditions. Technical advice should be sought for different conditions. Specific instructions for various site conditions can be provided by us on demand.