iFix-100
CERAMIC TILE ADHESIVE

C2TE

High Quality, Ready Mixed, Tile Adhesive Mortar

Product Description:

IFix 100 is a ready-mixed, high-quality, high-performance, thin bed, cement-based adhesive for ceramic tiles. Ideal for both interior and exterior applications. Suitable for wall and floor tiles.

Advantages:

- Strong Adherence
- Consistent Performance
- Easy To Use
- Economical With High Coverage
- Premium Quality Materials
- Flexiblility
- Long-Lasting Durability
- High Productivity
- Water-Resistant

Technical Data:

Standards

IFix 100 is formulated to comply with following standards:

✓ Din 18156   ✓ ANSI 118.1   ✓ EN 12004

Appearance

Color	White & Grey
Aggregate Size	< 1.2 mm

Performance

Compressive Strength	> 7.5 MPa
Flexural Strength	> 2.5 MPa
Bond Strength	> 1.1 MPa

Working properties

Open Time (25 °C)	Approx. 30 Minutes
Pot Life (25 °C)	Approx. 3 Hours
Setting Time (25 °C)	Approx. 6 Hours
Foot Traffic	24 Hours

Installation Procedures:

Surface Preparation:

• Ensure walls and screeds cure for at least 14 days before application.

• Surfaces must be clean, smooth, and free from dust, oil, and contaminants.

• Dampen concrete surface with clean water before applying adhesive.

• Pre-wet surfaces in hot weather before applying adhesive.

Mixing:

• Use a deep clean container

• Add 6L of clean water

• Add the 20kg IFix 100 powder gradually while mixing
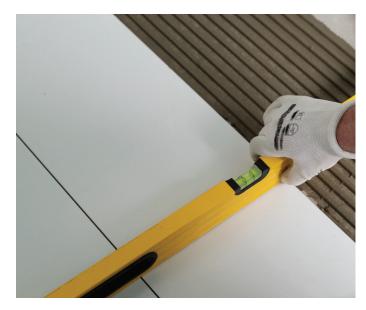
• Mix until smooth and lump-free.

Application:

• Use a notched trowel for the application of IFix 100.

• Apply adhesive to the substrate.

• For tiles exceeding 50X50 cm, apply an extra layer on the tile's back (back buttering) to ensure full coverage and optimal bonding.

• Install tiles within 30 minutes (open time) for best adhesive strength.

Installation:

• Firmly press the tiles into the adhesive, making slight twisting motions to ensure they are level.

• Quickly adjust and align the tiles for optimal adhesion using a rubber mallet.

• Check the adhesive coverage on the tile back randomly.

• Avoid adding fresh adhesive to a previously mixed batch.

Post-Installation:

• The area is ready for foot traffic after 24 hours.

• Use plastic spacers to maintain uniform joint width.

Cleaning:

• Remove excess adhesive with a damp sponge promptly after application.

Tips:

• Use cold water for mixing to extend the pot life and improve workability.

• Ensure proper joint width for expansion and movement.

• Not recommended for tiles larger than 60x60 cm without a supporting bed.

• Do not use in temperatures below 5°C.

Coverage:

Approximately 5 square meters per kg for a 3 mm bed thickness.

Storage:

Store in a cool, dry place.

Shelf life: 12 months in unopened packaging.

Health and Safety:

Wear protective gear during application.

Avoid inhalation of dust and contact with eyes.

Note:

The manufacturer guarantees the consistent quality of the product but not the method of application.

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