

## iFix-110 PORCELAIN TILE ADHESIVE

C2TES1

*High Quality - High Flexibility - Ready Mixed*

### Product Description:

iFix 110 is a ready-to-mix, flexible, thin-set tile adhesive for both interior and exterior use. Ideal for high-traffic and wet areas, it bonds porcelain, ceramic, and mosaic tiles up to 50 kg/m<sup>2</sup> on various substrates. Suitable for extreme conditions, including over old tiles, iFix 110 ensures durable, effective adhesion.



### Advantages:



Strong Adherence



Consistent Performance



Easy To Use



Economical With High Coverage



Premium Quality Materials



Flexibility



Long-Lasting Durability



High Productivity



Water-Resistant

### Technical Data:

#### Standards

iFix 110 is formulated to comply with following standards:

✓ Din 18156      ✓ ANSI 118.1      ✓ EN 12004

#### Appearance

Color      White & Grey

Aggregate Size      < 1 mm

#### Performance

Compressive Strength      > 10 MPa

Flexural Strength      > 4 MPa

Bond Strength      > 1.2 MPa

#### Working properties

Open Time (25 °C)      Approx. 30 Minutes

Pot Life (25 °C)      Approx. 4 Hours

Setting Time (25 °C)      Approx. 7 Hours

Transverse Deformation (S1)      > 2.5 mm

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 110 powder gradually while mixing
- Mix until smooth and lump-free.

### Application:

- Use a notched trowel for the application of iFix 110.
- 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.

# iFix-110



**Integrated Green Co. iGreen.**

**Riyadh: 7314 Othman Ibn Affan Branch Rd, At Taawun, Riyadh 12476, KSA**

**Al Qassim :52377 Prince Abdulaziz Ibn Mussaed, Al Rawda Dist., Buraydah**

**Contact: +966 562090592    E-mail: info@igreen.sa**