

## MORA FIX FIRST ADHESIVE

### :Description

Mora Fix First is a cementitious mortar adhesive composed of hydraulic binders, selected aggregates, and special additives. It is supplied as a dry powder in pre-weighed bags ready to use on-site, which requires only the addition of clean water to produce easily workable mortar. Mora Fix First is ideal for fixing Ceramic Tiles, Terrazzo Tiles. Mora Fix First is applied in thickness from 3mm to 8mm, depending upon the substrate's type of tiles and quality.



### Uses:

- For ceramic tiles with normal open time.
- Tiling on smooth concrete surfaces, light weighted bricks, blocks, plaster boards.
- Suitable for dry and wet conditions.

### Advantages:

- Factory controlled-blend ensures consistently high quality.
- Requires only the addition of water on-site at the time of usage.
- Easy tile installation that enables high productivity.
- Superior workability.
- Excellent Adhesion to a variety of ceramic tiles available in the local market.
- Water-resistant.
- Suitable for internal applications.
- Suitable for horizontal & vertical surfaces.

### Additional Information:

Mora mix manufactures a wide range of construction chemicals and specialty products for various applications divided into the following product groups:

- Cementation Waterproofing Systems.
- Grouts.
- Finishing Flooring Systems.
- Tiling Systems.
- Primers & Ancillary Products.
- Thermal Insulation Systems.
- Protective Coatings.

### Standards Compliance:

- BS: EN 12004 as C1T
- SASO ISO 13007-1 as C1T

### Usage Instructions:

#### Surface Preparation:

- The surface should be sound, clean, free from loose material, oil, grease, laitance, dirt, curing compound, etc.
- Wet all surfaces (except gypsum board) with clean water before Mora Fix First's application. The surface should appear damp with no water pooling.

#### Mixing:

- For the mortar adhesive preparation, pour into a container 6-6.5 liters of water for each 20 Kg bag of Mora Fix First.
- Add the powder to the water and mix for 3-4 minutes using a low- speed electric drill fitted with a suitable paddle until achieving a uniform, lump-free consistency.
- Allow the mixed material to stand for about 10 minutes and remix briefly without adding further water.
- Blend Mora Fix First manually for small quantities and maintain the correct amount of powder to water.
- Do not add water to the mixture once the mortar adhesive starts to harden.

#### Application:

- Spread the mixed mortar adhesive, and firmly press it onto the surface that will be tiled; work with a notched trowel. Spread the mortar adhesive to an area that can be tiled within 10-15 minutes. Press the tiles firmly over the mortar adhesive and immediately knock them into the desired position
- Adjust the position of the tiles, if required, within its adjustability time of 10-15 minutes after installation.
- Allow the installed tiles to remain undisturbed for at least 48 hours.
- Mortar adhesive must not rise between the tile joints higher than halfway the thickness of the tiles.
- It is recommended to use Mora mix Tile Grout to fill the joint gaps after 2 days of tile installation.

#### Cleaning:

- Clean tools and equipment with water immediately after use.
- Remove the hardened material using mechanical means.

### Shelf Life & Storage:

An original sealed bag of Mora Fix First has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place below 35°C.

### Health & Safety:

- Mora Fix First is highly alkaline; therefore, avoid direct contact with eyes or skin.
- It is recommended to use protective gloves and goggles during application.
- Any skin contact should be washed with soap & water.
- In case of eye irritation, immediately wash with a copious amount of clean cold water.
- Seek medical advice.
- Mora Fix First is non-flammable.

### Technical Data:

Mora Fix First	Typical Values @ 25°C
Appearance	White Powder
Aggregate Size	≤1.30
Application Thickness	3 to 8mm
Open Time	20 minutes
Adjustability	10 - 15 minutes
VOC	< 25 gm/Liter
SASO ISO 13007-1 Classification	C1TE
Compressive Strength @ 28 day (ASTM C109)	≥ 8.00 MPa
Flexural Strength@ 28 day (ASTM C348)	≥ 2.00 MPa
Tensile Adhesion (Bond Strength) @ 28 days SASO ISO 13007-2	≥ 0.5 MPa
Mixed Density	1.4 kg/liter ± 0.1kg
Slip resistance EN1308:2007	0.4 mm
Min. application temperature	5°C

For further information on these products and systems kindly contact your local Mora mix representative.

**Coverage:** Walls: 5-5.5 m<sup>2</sup>/bag 20 kg Floor: 4-4.5 m<sup>2</sup>/bag 20kg



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**Pack Size:** 20 Kg Bag.

Stated consumption data are for general guidance. Actual consumption depends on the nature of the substrate, method of application, and wastages.

