

## Mora fix s-pool adhesive

### Out -in side door

#### Description:

Mora Fix s- Pool adhesive is a cementitious mortar adhesive and special additives It is supplied as a dry powder in pre-weighed bags ready to use on-site; it only requires the addition of clean water to produce easily workable mortar. Pool Fix is suitable for dry-set fixing mortar, particularly for pool ceramic walls and floor tiles. Pool Fix is applied in thickness from 3 mm to 8 mm, depends on the type of the tiles and the substrate's quality.

#### Uses:

- ✚ The use of all types of tiles for swimming pools, fountains, water tanks, and submerged conditions.
- ✚ Tiling on wall surfaces plastered with Mora mix products.
- ✚ Suitable for dry & wet conditions.

#### Advantages:

- ✚ Factory controlled pre-blend ensures consistently high quality.
- ✚ Requires only the addition of water on-site at the time of usage.
- ✚ Superior bond in wet & immersed water conditions.
- ✚ Easy tile installation that enables high productivity.
- ✚ Superior workability.
- ✚ Excellent Slip resistance.
- ✚ Excellent Adhesion on a variety of tiles available in the local market.
- ✚ Suitable for internal & external applications.
- ✚ Suitable for horizontal & vertical surfaces.

#### Standards Compliance:

- ✚ BS: EN 12004 as C2TE S1
- ✚ SASO ISO 13007-1 as C2TE S

#### Additional Information:

Moramix 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 and ancillary products.
- ✚ Thermal insulation systems.
- ✚ Protective coatings.



### Usage Instructions:

#### Surface Preparation:

The surface should be sound, clean, free from loose material, grease, laitance, dirt, curing compound, etc. Wet all surfaces with clean water before the application of Pool Fix. The surface should appear damp with no water pooling.

#### Mixing:

- ✚ For the preparation of mortar adhesive, pour into a container 7 - 8 liters of water for a 20 kg bag of Pool Fix. Add the powder to the water and mix with a low-speed electric drill fitted with a suitable paddle for 3-4 minutes, 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 Pool Fix manually for small quantities but ensure to maintain the correct amount of powder to water.
- ✚ Use the mixed material within 2 hours.
- ✚ 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.

#### 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 Pool Fix has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place below 35°C.

#### Health & Safety:

Pool Fix 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.

Pool Fix is non-flammable.

### Technical Data:

Pool Fix	Typical Values @ 25°C
Appearance	White Powder
Aggregate Size	1 max
Application Thickness	3 to 8 mm
Open Time	30 minutes
Adjustability	10 - 15 minutes
VOC	2.5 gm/Liter
SASO ISO 13007-1 Classification	C2TE S1
Compressive Strength @ 28 day (ASTM C109)	≥ 15.2 MPa
Flexural Strength @ 28 days (ASTM C348)	≥ 3.5 MPa
Tensile Adhesion (Bond Strength) @ 28 days SASO ISO 13007-2	≥ 1.52 MPa
Mixed Density	1.47 kg/liter ± 0.1kg
Minimum application temperature	5°C

### Packaging & Coverage:

#### Coverage:

Walls: 5 -5.5 m<sup>2</sup>/bag 25Kg

Floor: 4 - 4.5 m<sup>2</sup>/bag 25Kg



**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.

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