

Marfix-Adhesives:

- 1- Ceramic & Porcelain adhesive.
- 2- Marble & Granite adhesive.
- 3- Izocrete , Thermstone tile and blocks adhesive.

DESCRIPTION: Dry Powder Adhesives Mixtures, for installing all type of ceramic and porcelain tile, marble and granite tile , izocrete , thermstone tile and blocks.

CHARACTERISTICS: High adhesion strength economically insulated moisture can be used externally and internally for the use of large and small slabs to be easy to operate and save time, long dry time, Tile can be controlled within 15 minutes of installation.

SURFACE TREATMENT: The surface must be dry and clean of any disintegrated materials, dust, fats and paints and not used on gypsum surfaces.

INSTRUCTIONS FOR USE:

- 1- Prepare the substrate by cleaning any dust, loose particles, grease and any traces of foreign materials.
- 2- Moisten the surface with spraying water before applying premium fix.
- 3- Mix one bag (20kg) of Marfix-Adhesive to (6 -7) liters of clean portable water. Mix with an electrical drill with whisk for approximately (3-5) minutes or manually for smaller amounts, let the mortar stand for 10 minutes and mix again without adding any water.
- 4- Spread the mortar firmly by the smooth side of notched trowel. comb the surface of the adhesive gently with using the notched edge of the trowel on an area that can be tiled in about 10 minutes. Use the mortar within (1-2) hours of mixing depending on the weather conditions.
- 5- Soak the tiles in water, is good practice to avoid water absorption from the mortar when spread Marfix-Adhesive on the tiles especially when using generous size tiles. The tiles are firmly pressed against the mortar bed and immediately knocked onto position.
- 6- The position of the tiles can be adjusted within 15 minutes of installation.
- 7- The fixing mortar must rise in the joints to thickness not more than 1/2 the thickness of the tiles.
- 8- At least 2/3 of the tile should be covered with mortar if the tiles are removed.

PACKING: In Poly Propylene bags of 20 kgs.

STORAGE: 12 months in its original closed bags, in a dry covered place.

TECHNICAL DATA

2- Marble & Granite adhesive.

COMPOSITION

Binder:	Grey or White Cement.
Aggregates:	Graded sand (max. grain size 0.5mm)
Additives:	Contains additives to improve consistency, adhesion, setting Workability, waterproofing and resistance to high temperature

SUBSTRATES

AAC. Block work, Concrete, fair-faced concrete, red brick, render.

APPLICATION

Mixing ratio:	(6-7)L per 20KG
Rec. min. thickness	3mm
Max. Thickness/layer	10mm

TYPICAL PROPERTIES

Appearance:	Grey or White powder
Bonding strength:	$> 1 \text{ N/mm}^2$
Color:	White/grey
Consumption per m^2 :	$(1.5-1.6) \text{ kg/mm}^2$
Mortar class:	C2 -TE
Open time:	$> 30 \text{ min}$
Pot life:	$> 60 \text{ min}$
Density	About 1.45 kg/litter in dry powder form. About 1.90 kg/litter when mixed with water.

Standard

The product is checked according to UNE-EN-ISO 9001.

FIRE CLASSIFICATION

A1, 100% noncombustible (EN 13501-1)

TECHNICAL DATA

3- Izocrete , Thermstone tile & blocks adhesive.

COMPOSITION

Binder:	Grey or White Cement and Hydrated lime.
Aggregates:	Graded sand (max. grain size 1.0mm)
Additives:	Contains additives to improve consistency, adhesion, setting Workability, waterproofing and resistance to high temperature

SUBSTRATES

Izocrete , Thermstone tile & blocks

APPLICATION

Mixing ratio:	(6-7)L per 20KG
Rec. min. thickness	3mm
Max. Thickness/layer	5mm

TYPICAL PROPERTIES

Appearance:	Grey or White powder
Bonding strength:	$> 0.5\text{N/mm}^2$
Color:	White/grey
Compressive strength:	$>10\text{N/mm}^2$
Consumption per m^2 :	(1.5-1.6) kg/mm^2
Flexural strength:	$>2.4\text{N/mm}^2$
Mortar class:	M10 EN 998-2, ASTM C270 Type N
Shear strength:	$>1\text{N/mm}^2$
Density	About 1.45 kg/litter in dry powder form. About 1.90 kg/litter when mixed with water.

Standard

The product is checked according to UNE-EN-ISO 9001.

FIRE CLASSIFICATION

A1, 100% noncombustible (EN 13501-1)

TECHNICAL DATA

4- Foam & EPS adhesive.

COMPOSITION

Binder:	Grey or White Cement and Hydrated lime.
Aggregates:	Graded sand (max. grain size 1.5mm)
Additives:	Contains additives to improve consistency, adhesion, setting Workability, waterproofing and resistance to high temperature

SUBSTRATES

AAC. Block work, Concrete, fair-faced concrete, red brick, render.

APPLICATION

Mixing ratio:	(6-7)L per 20KG
Rec. min. thickness	3mm
Max. Thickness/layer	5mm

TYPICAL PROPERTIES

Appearance:	Grey or White powder
Bonding strength:	$> 0.1 \text{ N/mm}^2$ (on Foam & EPS Boards)
Color:	White/grey
Compressive strength:	$> 6 \text{ N/mm}^2$
Consumption per m^2 :	(1.5-1.6) kg/mm^2
Flexural strength:	$> 2 \text{ N/mm}^2$
Mortar class:	CS III
Density	About 1.45 kg/litter in dry powder form. About 1.90 kg/litter when mixed with water.

Standard

The product is checked according to UNE-EN-ISO 9001.

FIRE CLASSIFICATION

A1, 100% noncombustible (EN 13501-1)