

# FIX PORCELANICO GEL

**Cement glue with GEL texture for installing porcelanic tiles, ceramic tiles and natural stones for INDOORS and OUTDOORS pavements.**



## WARNING

FIX PORCELANICO GEL should not be used:

- ◆ For supports subject to EXTREME vibrations or flexions (use **FIXACER** + **ADIFLEX**)
- ◆ For wood, metal surfaces, etc. (use **ELASTICER**)
- ◆ **APPLYING WITH STROKES** The glue cement should be applied with a toothed trowel or completely filling in the pieces.

## FIELDS OF APPLICATION

- ◆ Is ideal for the laying of porcelain tiles on supports of mortar, in indoor and outdoor paving.
- ◆ Is ideal for the **gluing** and grouting glass blocks.
- ◆ Is ideal for the gluing of tiles, stoneware, mosaics, terracotta,... and interior bonding of porcelain tiles, and it is even more resistant to humidity than **FIXACER**: installation of tiles in bathrooms, shower areas, etc.
- ◆ **FIX PORCELANICO GEL** is ideal for sticking low absorption tiles in bathrooms, kitchens, etc.
- ◆ Installing ceramic red or white paste tiles, ceramic mosaic, stoneware, etc. on supports of gypsum, anhydrite, gypsum board and gypsum-based surfaces on interior walls, waterproof plasterboard, etc.
- ◆ **FIX PORCELANICO GEL** is a thin layered cement that is applicable in layers ranging from 3 to 10mm.

## TECHNICAL CHARACTERISTICS

**FIX PORCELANICO GEL** is a studied mixture of cements, selected arids, organic additives and inorganic resins that provide it with a special adherence. **FIX PORCELANICO GEL** is a non drip cement glue.



## APPLICATION:

### ◆ Base:

All of the bases shall always be resistant, solid, free of dust, paint, wax, oil and fats and shall be perfectly hardened.

Very absorbent bases or those that are exposed to the sun during the summer shall be previously dampened in order to avoid the quick loss of the mixtures' water.

### ◆ Preparation of the mixture:

Mix approximately 6.5 litres of water with 25 kg of **FIX PORCELANICO GEL**; use an electric mixer at low speed in order to avoid the creation of lumps.

### ◆ Application of the mixture:

- Employ preferably a jagged trowel whose teeth-size is in relation to the piece to be applied.
- It is not necessary to dampen the tiles before placing them.
- Always apply pressure to the tile to ensure that the cement "wets" minimum 80% of the reverse of the ceramic tiles.



Tap on the pieces with a rubber mallet. the tiles in order to ensure a secure grasp.

- Protect the newly tiled floor from excessive heat, freezing, rain,... during the first 24 hours after their instalment, at least.

#### ◆ Sealing of the joints:

We recommend the use of a specific material such as **FIXCOLOR** (fine or thick grained) or **EUROCOLOR FLEX** or **IDEAL COLOR** or **CERPOXI** or **PROFESSIONAL PX**.

In the expansion joints, apply a specific, elastic material, such as **SELLALASTIC** or **SILICONA NEUTRA**.



CONSUMPTION:		
Mosaic of up to 5 x 5 cm:	3 mm toothed trowel.	approx. 2.4 Kg./m <sup>2</sup>
Floor tiles of up to 15 x 15 cm:	6 mm toothed trowel.	approx. 2.5-3.0 Kg./m <sup>2</sup>
Large sized floor tiles:	10 mm toothed trowel.	approx. 4.0 Kg./m <sup>2</sup>
Gluing of glass mosaic:		
Glass mosaic :	3 mm toothed trowel.	approx. 2.0 Kg./m <sup>2</sup>

TECHNICAL DATA	
<b>DIRECTIVES</b>	EN 12.004
<b>PRODUCT</b>	
• Type:	C2 TE Enhanced setting cementitious adhesive with additional characteristics and reduced slip for bonding of porcelain tiles and glass mosaics.
• Density in powder:	1.58 g/cm <sup>3</sup>
• Toxicity:	irritant, avoid contact with skin and eyes
<b>APPLICATION</b>	
• Mixing water:	6.5 litres per 25-kg sack.
• Density of the mixture:	1.61 g/cm <sup>3</sup>
• Temperature of application:	+ 5°C to + 35°C
• Open time:	30 min.
• Waiting time:	30 min.
• Useful life:	1 hour
• Slip:	< 0.5 mm.
• Thickness of layer:	< 10 mm.
• Grouting after:	24 hours
• Can be walked on after:	48 hours
<b>PERFORMANCE PROPERTIES</b>	
• Resistance to damp:	excellent
• Resistance to ageing:	excellent
• Resistance to solvents:	excellent
• Flexibility:	good (flexion of 1.0mm.)
• Initial adhesion:	≥ 1.0 N/mm <sup>2</sup>
• Adhesion after immersion in water:	≥ 1.0 N/mm <sup>2</sup>
• Adhesion after ageing through heat:	≥ 1.0 N/mm <sup>2</sup>
• Adhesion after freezing-thawing cycles:	≥ 1.0 N/mm <sup>2</sup>
• Pot life: adhesion (30 min):	≥ 0.5 N/mm <sup>2</sup>
<b>STORING</b>	
• In covered, dry, ventilated places:	12 months
<b>PRESENTATION</b>	
• Supplied in:	25-kg sacks in grey and white color.