

# FIXAGRES FLEX THICK LAYER

**Glue Cement for installing stoneware, porcelain, marble, granite, etc..., WITHOUT previously regularising the support. Maximum thickness 25 mm.**



## WARNING

**FIXAGRES FLEX THICK LAYER** should not be used:

- ◆ On pre-cast concrete.
- ◆ On supports subject to vibrations or flexions (use **FIXAGRES FLEX THICK LAYER + ADIFLEX** or **TECNOFLEX THICK LAYER**).
- ◆ On wood, cement asbestos, anhydride, metal surfaces, etc.
- ◆ To prevent the appearance of efflorescence on the surface of the stones (use **TECNOCOL FLEX**).
- ◆ For installations of built in heating, or cooling systems (use **FIXAGRES FLEX THICK LAYER + ADIFLEX** or **TECNOFLEX THICK LAYER**).

## FIELDS OF APPLICATION

- ◆ Installation of stoneware, porcelain stoneware, tiles, slabs of marble and granite and natural stone both **INDOORS** and in **EXTERIORS** on mortar and rendered supports.
- ◆ Indicated for directly tiling on supports that have not been previously regularised, obtaining thicknesses of up to 25 mm.
- ◆ Installation of flooring and wall coverings.
- ◆ Installing pieces with dovetails, rustic pieces, steps, manual terracotta, machine made tufa, natural and artificial stones and overall any thick piece or piece with irregular thickness.

## TECHNICAL SPECIFICATIONS

**FIXAGRES FLEX THICK LAYER** is a glue cement, made with special cement, thick granulometry aggregates, resins and synthetic additives which, mixed with water, offer a cement with easy workability, applicable to horizontal and vertical surfaces with thicknesses of up to 25 mm without dropping.



## HOW TO USE

### ◆ Support:

All the supports must always be resistant, solid, free of dust, paint, wax, oil and grease and be perfectly set.

Very absorbent supports or those exposed to the sun in warm periods, should be previously damped to prevent the fast loss of the mixing water.

### ◆ Preparation of the mixture:

Mix with clean water until achieving an even consistency (5.0 litres of water per sack); use an electric mixer at low revolutions., to prevent lumps from forming. Leave to stand for 2 minutes and remix to obtain a paste that is ready to use.

### ◆ Application of the mixture:

Preferably use a toothed trowel, with suitably sized teeth for the piece to be applied. We highly recommend using a trowel with semicircular teeth as this leaves the greatest, most even thickness of cement.

You need not damp the pieces before installing them.

When the support is irregular, we



recommend spreading it with a fine under layer with the help of a thin trowel. Then apply the necessary amount of cement with a toothed trowel.

In difficult or outdoor applications, use the double-pasting technique. To adhere pieces larger than 30x30cm or weighing more than 40 kg/m<sup>2</sup>, use an appropriate metal anchor as well. For pieces with dovetails it is also essential.

Make sure at all times that a surface layer does not form, using the tips of your fingers. If it does form, re-comb the cement with the toothed trowel (never add more water).

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. Protect recently laid floors from excessive heat, frost, rain, etc, for at least 24 hours after installation.

#### ◆ Sealing joints:

We recommend using a specific material such as **FIXCOLOR** (fine or thick grain), or **EUROCOLOR FLEX** or **CERPOXI** or **PROFESSIONAL PX**.

Apply **SELLALASTIC** or **SILICONA NEUTRA** to expansion joints.

#### CONSUMPTION:

1.6 Kg./m<sup>2</sup> per mm of thickness

#### TECHNICAL DATA

<b>DIRECTIVES</b>	EN 12.004
<b>PRODUCT</b>	
• Type:	C2 TE Enhanced normal setting cementitious adhesive with additional characteristics and reduced slip
• Density in powder:	1.7 g/cm <sup>3</sup>
• Toxicity:	irritant, avoid contact with skin and eyes
<b>APPLICATION</b>	
• Mixing water:	5.0 litres per 25-kg sack.
• Density of the mixture:	1.69 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:	< 25 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
• 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 (30min):	≥ 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 colour

