

# TECNOJUNTA FLEX

**Cement glue with a high degree of plasticity suitable for the gluing and sealing of glass mosaic in swimming pools onto HIDROELASTIC or HIDROFIX or IMPERTOT waterproofing in swimming pools.**



## WARNING

**TECNOJUNTA FLEX** should not be used:

- ◆ On **NORMAL** plaster or plasterboard walls without previously priming with **HIDROPRIMER** (or **FIXAGRES SP. GYPSUM**).
- ◆ On supports subject to vibrations or external flexions (use **ELASTICER**).
- ◆ Outside the range of permitted temperatures.
- ◆ For sticking plaques onto other kinds of waterproofing without previously consulting the Technical Dept.
- ◆ Adulterating the original formula in any way.
- ◆ In hot periods outside without double gluing.

## FIELDS OF APPLICATION

- ◆ **TECNOJUNTA FLEX** is specially formulated to **MEET THE REGULATIONS** for sticking plaques of glass mosaic or porcelain tiles in **SWIMMING POOLS** directly onto **HIDROELASTIC** or **HIDROFIX** or **IMPERTOT** waterproofing.
- ◆ Delicate placing of ceramic tiles that are **NOT AT ALL ABSORBENT** on **NON-ABSORBENT** ceramic.
- ◆ It is also recommended for sticking on mud tiles (terracotta), as it **prevents the appearance of efflorescence phenomena**.
- ◆ For placing natural stones, slate, marble, granite, large formats, etc.
- ◆ Ideal for **SUPERIMPOSITIONS**: porcelain tiles on terrazzo, tiles on tiles, earthenware on earthenware, marble on tiles, etc. on clean, grease-free supports (use **FIX-SABÓ**).
- ◆ For installing stoneware or porcelain tiles or glass mosaics directly onto waterproofed plasterboard, or installation of stoneware or porcelain tiles on **NORMAL** plaster or plasterboard having primed it with **HIDROPRIMER**.

## TECHNICAL CHARACTERISTICS

**TECNOJUNTA FLEX** is a single component glue-cement formula based on white cement, finely granulated and selected sands and special additives.

**TECNOJUNTA FLEX** contains a high percentage of polymer resins that give the product excellent **ADHERENCE** and **FLEXIBILITY** for waterproofing swimming pools.

**TECNOJUNTA FLEX** is very easy and pleasing to use thanks to its viscosity. Non drip cement glue.

## HOW TO USE

### ◆ Support:

All supports must be resistant, solid, free of dust, paint, waxes, oils and grease and must be perfectly set.

Very absorbent supports or ones exposed to the sun during hot periods may be previously dampened to prevent the rapid loss of the mixing water.

### ◆ Preparation of the mixture:

Mix with clean water until it is thoroughly mixed 7,25 litres of water per sack; use an electric mixer at low revolutions to prevent lumps from forming. Leave to stand for 2 minutes and re-mix so that the paste is ready to use.

### ◆ Application of the mix:

It is best to use a toothed trowel, with the size of the teeth depending on the size of the piece to be applied.

The pieces need not be dampened before installing.

For difficult applications, exteriors or for pieces larger than 30 x 30 cm, or more



than 40 kg/m<sup>2</sup>, use the double gluing technique and similar metal anchorage. Make sure, at all times, that a surface layer does not appear, using the tips of your fingers. If it does form, prepare the cement again with a toothed trowel (do not dampen with 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 floor tiles from excessive heat, rain, etc. for at least 24 hours.

◆ **Gluing and sealing of glass mosaic:**

With a 6 mm notched trowel, spread the **TECNOJUNTA FLEX** onto the mortar support and position the mosaic tile. Next firmly tap the mosaic with the FIX-SPATULA. When you do this, the excess **TECNOJUNTA FLEX** will emerge from the joints and it will be used to grout the mosaic tile. Again use the FIX-SPATULA to make diagonal passes on the joints. After 15-20 minutes, the whitish film may be cleaned with a little water and a sponge. The mosaic tile has been quickly laid and grouted with a single product: **TECNOJUNTA FLEX**.

◆ **Sealing joints:**

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

Use **SELLALASTIC** or **SILICONA NEUTRA** in expansion joints.

CONSUMPTIONS:		
Mosaics up to 5 x 5 cm:	3 mm toothed trowel	Approx. 2.4 kg/m <sup>2</sup>
Tiles up to 15 x 15 cm:	6 mm toothed trowel	Approx. 2.5-3.0 kg/m <sup>2</sup>
Large format tiles:	10 mm toothed trowel	Approx. 4.0 kg/m <sup>2</sup>
Gluing and sealing of glass mosaic onto waterproofing:		
Glass mosaic:	3 mm toothed trowel	Approx. 3.4 kg/m <sup>2</sup>

TECHNICAL DATA	
<b>DIRECTIVES</b>	EN-12.004
<b>PRODUCT</b>	
• Type:	C2 T S1 Improved normal-setting cementitious adhesive with additional characteristics and reduced slipping.
• Density in powder:	1.18 g/cm <sup>3</sup>
• Toxicity:	Irritant, avoid contact with skin and eyes.
<b>APPLICATION</b>	
• Proportion of mixture:	7.25 litres / 25-kg sack
• Density of the mixture:	1.55 g/cm <sup>3</sup>
• Temperature of the application:	+5°C to +35°C
• Open time:	20 min
• Adjustment time:	30 min
• Useful life:	1 hour
• Slip:	< 0.5 mm
• Thickness of layer:	< 10 mm
• Can be pointed 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:	very good
• Initial adherence:	≥ 1.0 N/mm <sup>2</sup>
• Adherence after immersion in water:	≥ 1.0 N/mm <sup>2</sup>
• Adherence after ageing with heat:	≥ 1.0 N/mm <sup>2</sup>
• Adherence after freeze-thaw cycles:	≥ 1.0 N/mm <sup>2</sup>
• Open time: adherence (20 min):	≥ 0.5 N/mm <sup>2</sup>
• Deformability EN 12002:	≥ 2.5 mm
<b>STORAGE</b>	
• In covered, ventilated areas, stored in its original container, kept well closed, for	12 months
<b>PRESENTATION</b>	
• Supplied in:	25-kg sacks in White

