

Single component, flexible, with GEL texture, **MAXIMUM ADHERENCE** glue-cement for sticking porcelain tiles onto **HIDROELASTIC** or **LAMINA PROOF** waterproofing in swimming pools.



WARNING

TECNOCOL GEL should not be used:

- ◆ On NORMAL plaster or plasterboard walls without previously priming with **HIDROPRIMER**.
- ◆ 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

- ◆ **TECNOCOL GEL** is specially formulated to MEET THE REGULATIONS for sticking plaques of tiles or porcelain tiles in **SWIMMING POOLS** directly onto **LAMINA PROOF** or **HIDROELASTIC** waterproofing.
- ◆ Suitable for tiling "**Silestone**" (only in interiors, without central heating, without hot water pipes and in a thin layer).
- ◆ 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.
- ◆ Suitable 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 directly onto waterproofed plasterboard, or installation of stoneware or porcelain tiles on **NORMAL** plaster or plasterboard having primed it with **HIDROPRIMER**.

TECHNICAL CHARACTERISTICS

TECNOCOL GEL is a single component glue-cement formula based on white or grey cement, finely granulated and selected sands and special additives.

TECNOCOL GEL contains a high percentage of polymer resins that give the product excellent **ADHERENCE**, **FLEXIBILITY** and **IMPERMEABILITY** for waterproofing swimming pools.

TECNOCOL GEL is a cement that is easy to work with, using a toothed trowel, thanks to its thixotropy and increased open time.

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 (8.0 litres of water per sack; use an electric mixer at low revolutions to prevent lumps from forming. Leave to stand for 2 minutes and 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.

Façades: for pieces larger than 30 x 30 cm, or more than 40 kgs/m², 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.

◆ Sealing joints:

We recommend using specific material such as **FIXCOLOR** (fine or thick grain), or **EUROCOLOR FLEX** or **IDEAL COLOR** 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 ²
Tiles up to 15 x 15 cm:	6 mm toothed trowel	Approx. 2.5-3.0 kg/m ²
Large format tiles:	10 mm toothed trowel	Approx. 4.0 kg/m ²
Gluing and sealing of glass mosaic onto HIDROELASTIC waterproofing:		
Glass mosaic up to 5 x 5 cm:	3 mm toothed trowel	Approx. 3.4 kg/m ²

TECHNICAL DATA	
DIRECTIVES	EN-12.004
PRODUCT	
• Type:	C2 TE S1 Improved normal-setting cementitious adhesive with additional characteristics and reduced slipping.
• Density in powder:	1.2 g/cm ³
• Toxicity:	Irritant, avoid contact with skin and eyes.
APPLICATION	
• Proportion of mixture:	8.0 litres / 25-kg sack
• Density of the mixture:	1.6 g/cm ³
• Temperature of the application:	+5°C to +35°C
• Open time:	30 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
PERFORMANCE PROPERTIES	
• Resistance to damp:	excellent
• Resistance to ageing:	excellent
• Resistance to solvents:	excellent
• Flexibility:	very good
• Initial adherence:	≥ 1.0 N/mm ²
• Adherence after immersion in water:	≥ 1.0 N/mm ²
• Adherence after ageing with heat:	≥ 1.0 N/mm ²
• Adherence after freeze-thaw cycles:	≥ 1.0 N/mm ²
• Open time: adherence (30 min):	≥ 0.5 N/mm ²
• Deformability:	≥ 2.5 mm
STORAGE	
• In covered, ventilated areas, stored in its original container, kept well closed, for	12 months
PRESENTATION	
• Supplied in:	25-kg sacks in Grey and White

