

TECNOCOL GEL

C2TES1 according to EN12.004

Super-adhesive and flexible single-component cementitious adhesive with a GEL texture for bonding vitreous mosaic or porcelain stoneware on **HIDROELASTIC** or **LAMINA PROOF** waterproofing in swimming pools.



White



Grey

MAIN FEATURES

- GEL texture.
- Flexible.
- High plasticity.
- High adhesion.
- Non sagging.
- Very fine.
- Applicable in thicknesses from 3 to 10 mm.
- Normal setting cement.
- Cement easy to work with the notched trowel, due to its thixotropy and extended open time.

FIELDS OF APPLICATION

- Cementitious adhesive specially formulated for strict compliance with the standard for bonding porcelain stoneware tiles in swimming pools directly onto **HIDROELASTIC**, **LAMINA PROOF** or **LAMINA STEEL** waterproofing.
- Suitable for indoor 'Silestone' installation, without heating and without hot water pipes.
- Suitable for delicate laying of NON ABSORBENT ceramic tiles on NON ABSORBENT ceramic substrates.
- Laying of natural stone, slate, marble, granite, large formats...
- Suitable for **OVERLAY**: porcelain stoneware on terrazzo, tile on tile, stoneware on stoneware, marble on stoneware, etc.

HOW TO USE

SUPPORT PREPARATION

All substrates shall always be resistant, solid, clean of dust, paint, waxes, oils and grease, and shall be perfectly set. Highly absorbent substrates or exposed to the sun in hot weather should be dampened previously to avoid the fast loss of water from the mixture.

PREPARATION OF THE MIXTURE

- Mix 8.0 litres of water per bag of 25 kg.
- Use an electric mixer at low rpm to avoid lumps.
- Leave to rest for 2 minutes and remix, to have the paste ready for use.

APPLICATION OF THE MIXTURE

- Preferably use a notched trowel with appropriately sized teeth.
- Not wet the tiles before laying.
- Apply enough pressure to ensure a minimum contact of 80%.
- On façades and for bonding tiles of more than 30 x 30 cm, or more than 40 kg/m², also use a similar metal anchor.
- We will protect the recently laid flooring from excessive heat, frost, rain,... for at least 24 hours after laying.

GROUTING OF CERAMICS

- Use **TECNOCOL GEL**, **FIXCOLOR**, **EUROCOLOR FLEX**, **IDEAL COLOR**, **IDEAL POOL**, **CERPOXI** or **PROFESSIONAL PX**.
- In expansion joints apply a specific and elastic material (use **SELLALASTIC** or **SILICONA NEUTRA**).

TECHNICAL DATA

Density in powder	1.3 g/cm ³
Mixing water	8.0 L / 25 kg sack
Density of the mixture	1.4 g/cm ³
Temperature of application	from +5°C to +35°C
Adjustment time	30 minutes
Grouting time	24 hours
Can be walked on after	48 hours
Thickness of layer	< 10 mm
Initial adhesion	≥ 1.0 N/mm ²
Adhesion after immersion in water	≥ 1.0 N/mm ²
Adhesion after heating	≥ 1.0 N/mm ²
Adhesion after freezing-thawing cycles	≥ 1.0 N/mm ²
Open time adhesion	≥ 0.5 N/mm ² after 30 min
Slip	< 0.5 mm
Transverse deformation	≥ 2.5 mm
Consumption	from 2 to 5.5 kg/m ²
Estimated expiration	12 months
Presentation	25 kg

