

MAXICOL

PLUS Porcelánico Flexible

VISANCOL



Characteristics

The cementitious adhesive VISANCOL MAXICOL PLUS is formulated according to standard UNE EN 12004 as a C2 type adhesive for both exterior and interior applications. It provides a proper application due to its workability and strong grip. This makes it a versatile product suitable for various surface placements. It's particularly designed for medium-sized porcelain stoneware tiles.

It's composed of cement, selected aggregates, various organic additives, and copolymers, which contribute to its adhesion and reduced slippage.

Applications

Installation of cladding and flooring made of low-absorption stoneware, particularly medium-sized and especially porcelain stoneware.

For formats larger than 30 x 30 cm, the double bonding technique should be used.

It can be applied to both interior and exterior walls and floors using various materials such as natural stone, granite, and marble.

Especially suitable for porcelain stoneware pool linings. Also suitable for plasterboard (GYPSUM) supports.

Storage

The product should be kept in its original packaging and in a dry place to ensure it can be stored for at least twelve months.

PHYSICAL AND CHEMICAL PROPERTIES

Classification according to UNE EN 12004	C2 TE
Appearance	White Pow der
Mixing water	30 ± 1 % (7,25 a 7,7 L/sack)
Apparent density in powder	1,5 g/cm ³
Apparent density in paste	1,7 g/cm ³
Initial adhesion (UNE-EN 1348 8.2)	≥ 1,0 N/mm ²
Adhesion after immersion in water (UNE-EN 1348 8.3)	≥ 1,0 N/mm ²
Adhesion after heat aging (UNE-EN 1348 8.4)	≥ 1,0 N/mm ²
Adhesion after freeze-thaw cycles (UNE-EN 1348 8.5)	≥ 1,0 N/mm ²
Slip resistance (UNE-EN 1308)	≤ 0,5 mm
Extended open time (UNE-EN 1346)	30 min.
Adjustment time for pieces	20 min.
Working time	120 min.

Instructions for use

Knead with clean water, either manually or mechanically, until obtaining a homogeneous mixture, free of lumps, with 30% water (approximately 7.5 liters per bag).

Allow to rest for 5 minutes and knead again.

Spread the paste on the surface, in small sections (between 1-2 m²), and comb it with a notched trowel (appropriate to the tile format) to adjust the thickness. Perform double bonding for large format pieces.

Press the ceramic materials onto the surface until the grooves are fully flattened, ensuring that the tile adhesive is still plastic and has not formed a surface film that prevents adhesion.

Compliance Standards

Respect the mixing water.

Do not apply in extreme temperatures, below 5°C or above 30°C.

During installation, it is essential to fully embed the ceramic pieces and prevent gaps between the piece and the substrate.

For pieces larger than 30 x 30 cm or with high weight, perform double bonding, applying a thin layer of MAXICOL on the back (maximum weight 40 kg/m² and maximum format 40 x 60 x 1.5 cm). For pieces with larger format or weight, mechanical anchors are necessary.

Create grout joints between ceramic pieces, minimum 1.5 mm for wall tiles and 5 mm for floor tiles and exterior installations. Install expansion joints every 30 m² (for small format pieces) or 60 m² (for large format pieces), including perimeter joints, while respecting the structural joints of the building.

Presentation

It is packaged in double-layered paper bags with a plastic sheet. The product is presented on shrink-wrapped pallets containing 56 bags (1400 kg) of 25 kg each.

