

MAXICOL TOP

VISANCOL



Characteristics

The cementitious adhesive VISANCOL MAXICOL TOP is formulated according to standard UNE EN 12004 as a C2 type adhesive for interior and exterior use, even in areas with significant temperature variations. It provides superior workability and high adhesion, making it an exceptional product for facade installation, high-traffic surfaces, and all types of highly decorative pieces. It can be used with all ceramic tile formats, especially large formats, and across all levels of absorption.

It is formulated with cement, selected aggregates, various organic additives, and diverse copolymers that contribute to its adhesion, reduced slippage, and high flexibility.

Applications

Facades, cladding, and flooring for large surfaces with heavy foot traffic. Suitable for underfloor heating systems. Compatible with all types of ceramic tiles, especially large format "SLABS". Applicable to various materials such as natural stone, marble, granite, and synthetic marble. Can be applied to all types of substrates, including new flooring over existing ones. For formats larger than 40 x 40 cm, the double bonding technique should be employed.

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 S2
Appearance	White Pow der
Mixing water	30 ± 1 % (7,5 a 7,75 L/sack)
Apparent density in pow der	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
Transverse deformation determination (UNE-EN 12002)	≥ 5 mm
Slip resistance (UNE-EN 1308)	< 0,5 mm
Adjustment time for pieces	30 min.
Working time	180 min.

Instructions for use

Knead with clean water, either manually or mechanically, until achieving a homogeneous mass, free of lumps, with 31% water (approximately 7.75 liters per bag).

Let it rest for 5 minutes and knead again.

Spread the paste on the substrate, 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 substrate until the grooves are fully flattened, ensuring that the cement adhesive is still plastic and has not formed a surface film that prevents adhesion.

Compliance Standards

Adhere to the mixing water requirement.

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

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

For pieces of format (> 30 x 30 cm) or heavy weight, perform double bonding. Apply 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 of larger format or weight, mechanical anchors are necessary.

Use joint spacers between ceramic pieces, minimum 1.5 mm for wall tiles and 5 mm for floor tiles and exteriors. Place expansion joints every 30 m² (for small format pieces) or 60 m² (for large format pieces), including perimeter joints, and 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.

