

MAXICOL

C2

VISANCOL



Characteristics

The cementitious adhesive VISANCOL MAXICOL C2 is formulated according to the UNE EN 12004 standard as a C2 type adhesive for both outdoor and indoor applications, providing proper installation of the product. This makes it a versatile product suitable for various surfaces and simple applications. It can be used for medium-sized ceramic tile formats. It is formulated with cement, selected aggregates, various organic additives, and diverse copolymers, providing proper adhesion.

Applications

Application of floor and wall coverings indoors and outdoors up to 1 meter in height.

Installation of low absorption porcelain floor tiles of small or medium size.

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

Adhesion of all types of ceramic pieces, marble, and granite weighing less than 40 kg/m².

Storage

El producto deberá mantenerse en sus envases originales y en lugar seco, de esta forma se podrá almacenar al menos hasta doce meses.

Presentation

Se envasa en sacos de doble hoja de papel y lámina de plástico. El producto se presenta en palés retractilados de 56 sacos (1400 kg) de 25 kg.

PHYSICAL AND CHEMICAL PROPERTIES

Classification according to UNE EN 12004	C2
Appearance	White Powder
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
Adjustment time for pieces	20 min.
Working time	120 min.

Instructions for use

Knead with clean water, manually or mechanically, until obtaining a

homogeneous mass, free of lumps, with 30% water (approximately 7.5 liters per sack).

Let it rest for 5 minutes, then knead again.

Spread the paste on the substrate in small sections (between 1-2 m²) and comb it with a notched trowel (suitable for 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 flattened, ensuring that the adhesive is still plastic and has not formed a surface film that prevents

Compliance Standards

Respect the mixing water.

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

It is essential during installation to fully press the ceramic pieces and prevent gaps between the piece and the substrate.

Respect construction joints and joints between tiles of 2 mm.

In radiant heated floors, it must be turned off 24 hours before.

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

Additionally, the use of mechanical anchors or fasteners is mandatory when the height exceeds 3 m, and for pieces larger than 40 x 40 cm and 40 kg/m².

Maintain joint spacing between ceramic pieces, minimum 1.5 mm for wall tiling and 5 mm for floors and exteriors.

Place expansion joints every 30 m² (for small format pieces) or 60 m² (for large format pieces), and respect the building's structural joints.

