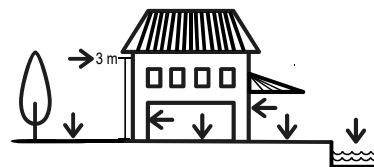


MAXICOL ECOFLEX

VISANCOL



Characteristics

The cementitious adhesive VISANCOL MAXICOL ECOFLEX is formulated according to the UNE EN 12004 standard as a C2 type adhesive for both interior and exterior applications. It provides proper workability and good adhesion, making it suitable for various surfaces including facades. Additionally, it is suitable for use with underfloor heating systems. It can be applied to all types of ceramic tile formats.

It is formulated with cement, selected aggregates, various organic additives, and copolymers, which contribute to its adhesion and reduced slip properties.

Applications

Installation of indoor and outdoor coverings and floorings with low absorption and large format, especially porcelain stoneware. For formats larger than 30 x 30 cm, the double gluing technique should be used.

Application on indoor and outdoor walls and floors.

Gluing of all types of ceramic pieces, marble, and granite.

Gluing of coverings with radiant heating.

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.

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 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 for the tile format) to regulate the thickness. Use double gluing for large format pieces.

Press the ceramic materials onto the substrate until the grooves are completely flattened, ensuring that the cement 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 press the ceramic pieces and avoid gaps between the piece and the substrate.

For formats larger than 30 x 30 cm or heavy pieces, perform double gluing. 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 formats or weights exceeding these limits, mechanical anchors are necessary.

Create grout joints between ceramic pieces, minimum 1 mm for wall tiles and 5 mm for floor tiles and outdoor applications. Install expansion joints every 30 m² (for small format tiles) or 60 m² (for large format tiles), including perimeter joints and respecting the structural joints of the building.

PHYSICAL AND CHEMICAL PROPERTIES

Classification according to UNE EN 12004	C2TE S1
Appearance	White or gray powder
Mixing water	30 ± 1% (7,5 – 7,75 l/bag)
Bulk density powder	1,6 g/cm ³
Bulk density paste	1,7 g/cm ³
Initial adhesion (UNE-EN 1348 8.2)	≥ 1,0 N/mm ²
Adhesion after water immersion (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
Determination of transverse deformation (UNE-EN 12002)	≥ 2,5 mm y < 5 mm
Slip (UNE-EN 1308)	≤ 0,5 mm
Extended open time (UNE-EN 1346)	30 min
Adjustment or tile correction time	40 min
Pot life / usable life	130 min
Coverage - single application (5mm)	4,5 – 5 Kg/m ²
Coverage - double application	6,5 – 7,5 Kg/m ²

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.

