

SUPERCOL FLEX

VISANCOL



Characteristics

The cementitious adhesive VISANCOL SUPERCOL FLEX is formulated according to the UNE EN 12004 standard as a C1 type adhesive for interior and covered exterior applications, providing excellent workability and strong grip during installation. This makes it an exceptional product suitable for application on all types of ceramic tile formats and on low-rigidity substrates. It is formulated with cement, selected aggregates, various organic additives, and diverse copolymers.

Applications

Application on interior and covered exterior walls and floors. Especially suitable for the installation of medium/large format ceramic tiles on plasterboard substrates indoors.

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.

Presentation

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PHYSICAL AND CHEMICAL PROPERTIES

Classification according to UNE EN 12004	C1 TE S1
Appearance	White Powder
Mixing water	26 ± 1 % (6,75 - 7,25 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)	≥ 0,5 N/mm ²
Adhesion after immersion in water (UNE-EN 1348 8.3)	≥ 0,5 N/mm ²
Adhesion after heat aging (UNE-EN 1348 8.4)	≥ 0,5 N/mm ²
Adhesion after freeze-thaw cycles (UNE-EN 1348 8.5)	≥ 0,5 N/mm ²
Slip resistance (UNE-EN 1308)	< 0,5 mm
Determination of transverse deformation (UNE-EN 12002)	≥ 2,5 mm y < 5 mm
Adhesion extended open time (UNE-EN 1346) 30 min	≥ 0,5 N/mm ²
Piece adjustment time (according to environmental conditions)	20 min
Utilization time	120 min

Instructions for use

Knead with clean water, either manually or mechanically, until obtaining a homogeneous mass, free of lumps, with a 27% water content (approximately 6.75 liters per bag).

Let it rest for 5 minutes and knead again.

Spread the paste onto the substrate in small sections (between 1-2 m²) and comb it with a notched trowel (appropriate to the tile format) to regulate the thickness.

Place the ceramic materials by pressing them onto the substrate until the grooves are flattened, ensuring that the thin-set mortar is still plastic and has not formed a surface film that prevents adhesion.

Compliance Standards

Respect the mixing water.

During installation, it is essential to fully compact the ceramic pieces and avoid any gaps between the piece and the substrate.

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

For formats larger than 30 x 30 cm or heavy weight (40 kg/m²), perform double bonding as well as the installation of anchors or mechanical fastening.

Additionally, the use of mechanical anchors or fasteners is mandatory when the installation height exceeds 2 meters.

Create grout joints between ceramic pieces, minimum 1.5 mm for wall tiling and 5 mm for floors and exteriors, placing expansion joints every 30 m² (small format pieces) or 60 m² (large format pieces) maximum, placing perimeter joints, and respecting the structural joints of the building.

Wait 24 hours for grouting and 48 hours for flooring.

