

VMAX

S2

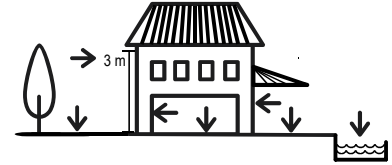
Gel Technology

VISANCOL

+ PERFORMANCE

- POWDER

+ WORKABILITY



Characteristics

The cementitious adhesive VISANCOL VMAX S2 is formulated according to the UNE EN 12004 standard as a C2 type adhesive for exteriors. The product's technology provides a gel effect with high creaminess and mousse-like texture, enhancing its performance and generating less dust during application. This makes it an exceptional product for facade installation and surfaces with heavy traffic, suitable for all types of highly decorative pieces. It can be applied to all types of ceramic tile formats, especially large formats and in all degrees of absorption. VISANCOL VMAX S2 is formulated with cement, selected aggregates, various organic additives, and diverse copolymers, providing it with adhesion, flexibility, and reduced slip properties.

Applications

Facades, claddings, and pavements for large areas with heavy traffic and radiant floor heating. Suitable for all types of ceramic pieces, especially large format "SLABS." Also applicable to various materials such as natural stone, marble, granite, and synthetic marble. Can be applied on all types of substrates, including new flooring over old. For formats larger than 40 x 40 cm, the double bonding technique should be used.

Storage

The product must be kept in its original containers and in a dry place, allowing it to be stored for at least twelve months.

Instructions for use

- Knead with clean water, either manually or mechanically, until obtaining a homogeneous mass, free of lumps, with 30% water content (approximately 7.5 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. Perform double bonding for large format pieces.
- 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 mixing water.

Working temperature from +5°C to +30°C.

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

For pieces with a format (>30x30 cm) or high weight, perform double bonding. Apply a thin layer of VMAX S2 on the back (maximum weight 40 kg/m² and maximum format 40x60x1.5 cm). For pieces with a larger format or weight, mechanical anchors are necessary.

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.

PHYSICAL AND CHEMICAL PROPERTIES

Classification according to UNE EN 12004	C2TE S2
Appearance	White powder
Mixing water	31 ± 1 % (7,5 - 8 l/bag)
Bulk density powder	1,4 g/cm ³
Bulk density paste	1,5 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)	≥ 5 mm
Slip (UNE-EN 1308)	≤ 0,5 mm
Extended open time (UNE-EN 1346)	30 min
Adjustment or tile correction time	50 min
Pot life / usable life	150 min
Coverage - single application (5mm)	3,5 - 4 Kg/m ²
Coverage - double application	5,5 - 6 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.

