

# VMAX FIBRAGEL

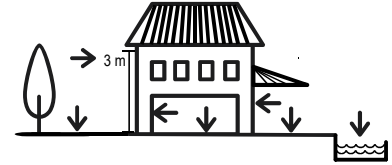
# Gel Technology

**VISANCOL**

**+ PERFORMANCE**

**- POWDER**

**+ WORKABILITY**



## Characteristics

The cementitious adhesive VISANCOL VMAX FIBRAGEL is formulated according to the UNE EN 12004 standard as a C2 type adhesive for both exterior and interior applications. It offers excellent workability, with the product's technology providing a gel effect with high creaminess and mousse-like texture, enhancing its performance and generating less dust during application. This makes it a versatile product suitable for facade installation, various surfaces, and also compatible with radiant floor heating systems. It can be applied to all types of ceramic tile formats.

VISANCOL VMAX FIBRAGEL is formulated with cement, selected aggregates, various organic additives, and diverse copolymers, providing it with adhesion, flexibility, and reduced slip properties.

## Applications

Installation of claddings and pavements with low absorption, medium, and large formats, especially porcelain stoneware. For formats larger than 30 x 30 cm, the double bonding technique should be used.

Application on interior and exterior walls and floors.  
Bonding of all types of ceramic pieces, marble, and granite.  
Bonding of claddings with radiant heating.

## 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.

## PHYSICAL AND CHEMICAL PROPERTIES

Classification according to UNE EN 12004	C2TE S1
Appearance	White powder
Mixing water	30 ± 1 % (7,5 - 7,75 l/bag)
Bulk density powder	1,5 g/cm <sup>3</sup>
Bulk density paste	1,6 g/cm <sup>3</sup>
Initial adhesion (UNE-EN 1348 8.2)	≥ 1,0 N/mm <sup>2</sup>
Adhesion after water immersion (UNE-EN 1348 8.3)	≥ 1,0 N/mm <sup>2</sup>
Adhesion after heat aging (UNE-EN 1348 8.4)	≥ 1,0 N/mm <sup>2</sup>
Adhesion after freeze-thaw cycles (UNE-EN 1348 8.5)	≥ 1,0 N/mm <sup>2</sup>
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 - 4,5 Kg/m <sup>2</sup>
Coverage - double application	6 - 7 Kg/m <sup>2</sup>

## 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 m<sup>2</sup>) 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.

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

During installation, it is essential to fully compact the ceramic pieces and avoid 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 S1 on the back (maximum weight 40 kg/m<sup>2</sup> and maximum format 40x60x1.5 cm). For pieces with 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 m<sup>2</sup> (small format pieces) or 60 m<sup>2</sup> (large format pieces) maximum, placing perimeter joints, and respecting the building's structural joints.

## 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.

