



VITEX THERM

Σύστημα Εξωτερικής Θερμομόνωσης
Thermal Insulation System

GNK ELASTIC

Ready-to-use coating based on organic binders for the adhesion and coating of thermal insulation boards

Ready to use, white, fiber reinforced acrylic paste. In combination with the VITEX THERM fiberglass mesh, is used for the coating of insulation boards of expanded or extruded polystyrene and boards of mineral fibers (rockwool). It can also be used to bond the insulation boards on the outer surfaces of buildings. CE certification mark in accordance to EN 15824 and EN 12004 (D1E) 1. Is part of the External Thermal Insulation Composite System (ETICS) VITEX THERM, which is certified with the CE marking according to the requirements of EAD 040083-00-0404.

Advantages:

- Strong adhesion on the substrate and the insulation materials.
- High mechanical strength.
- Flexibility.
- Resistance in temperature variations.
- Easy to use.



PRODUCT FEATURES

TECHNICAL CHARACTERISTICS

Consumption

1,7 ± 0,1 Kg/L



Initial shear adhesion strength

> 1 MPa (EN 1324)

Shear adhesion strength after heat ageing

> 1 MPa (EN 1324)

PACKAGING

- Approx. 3 kg/m², when used as a fiberglass mesh reinforced plaster on polystyrene or mineral wool.
- 2 - 4 kg/m² depending on the nature of the substrate and the trowel's notch size, when used as an insulation boards' adhesive.

APPLICATION FIELD

The product is used for the coating of thermal insulation boards.

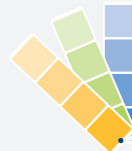
PACKAGING

Available in 15kg cans.



COLOURS

Available in white



APPLICATION

SURFACE PREPARATION



Surfaces must be clean, dry and free from dust, grease and loose materials. A firm and flat substrate is required.



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APPLICATION

STEPS OF APPLICATION

• **As reinforced coating for insulation boards:** The insulation boards on which the coating will be applied, should have been placed in a brick work way, and levelled. Any gaps between the boards should be filled with MAXI GUN FOAM or GNK FOAM. Stir the product gently and apply the paste with a notched trowel in a layer 2 – 3 mm thick. The glass mesh is placed in this layer and is immersed with the help of a smooth spatula. The strips of the mesh should overlap by 10cm approx. At the end smooth the surface, while simultaneously remove any excess material.



• **As insulation boards' adhesive:** The substrate should be clean of loose material, dust, etc. For adhesion on newly plastered surfaces, the application should be done at least 2 weeks after plastering. For very absorbent surfaces, it is recommended to prime them with GRANIKOT PRIMER or SUPERBOND PRIMER. On smooth surfaces, apply the paste across the surface of the insulation board using a notched trowel in a layer 2,5 – 3,5 mm thick. On uneven surfaces, apply the paste on the board perimeter and then selectively on its center, so that the paste covers at least 40% of the board's surface. The placement of the insulation boards should start from the bottom of the wall, and then going upwards, crosswise and without leaving gaps.



TIPS

- The drying time depends on the environmental temperature and humidity.
- Under normal conditions, the surface may be covered with a decorative plaster after at least 48 hours.
- The above application guidelines are indicative, for the correct use of the product. For more technical details please contact the company's technical department.
- Not recommended for use in extreme weather conditions frost or heat wave. (application temperature +5°C to +35°C).

ADDITIONAL INFORMATION

STORAGE



Maximum storage time in unopened packaging protected from sunlight and frost (temperatures +5°C to +35°C): 12 months from production date.

SAFETY ADVICE



Read label before use. For further instructions - precautions see Material Safety Data Sheet. Poisons Control Centre Tel.: +30 210 7793 777.

The above technical data, information and instructions are based on our long experience and laboratory tests and are intended only to describe the product and determine its application. However, the end user should check the suitability of the product for its intended use. Our company guarantees the quality of the product itself, and in any case bears no responsibility for any damage or damage caused if the product is not used properly and in accordance with its instructions for use. The company has the right to revise this technical data sheet without any prior notice.

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TECHNICAL SUPPORT



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