



# VITEX THERM

Σύστημα Εξωτερικής Θερμομόνωσης  
Thermal Insulation System

## GNK 10G EASY

### Fiber reinforced mortar for insulations boards

Cement based, polymer modified coarse-grained adhesive for insulation boards of XPS or EPS, rockwool etc. on the outer surfaces of buildings. Certified with the CE marking according to EN 998-1.



#### Advantages:

- Very good resistance and flexibility
- Very good adhesion on the substrate
- Very good to temperature changes

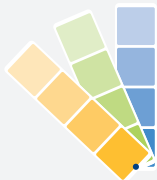
## PRODUCT FEATURES

### SPREADING RATE

- 3-5 kg of dry mortar per m<sup>2</sup>, depending on the nature of the substrate, when used as an insulation board's adhesive.
- 3- 4,5 kg of dry mortar per m<sup>2</sup>, when used as a fiberglass mesh reinforced mortar on polystyrene or rockwool.

### COLOURS

Available in grey



### APPLICATION FIELD

Cement based, polymer modified adhesive for insulation boards of XPS or EPS, rockwool etc. on the outer surfaces of buildings.

### PACKAGING

Available in 25 Kg bags



### TECHNICAL CHARACTERISTICS

Density of wet mortar	1,7 ± 0,2 Kg / L
Grading	0-1,2mm
Compressive strength (28 days)	15,0 MPa (EN 1015-11) (Average value based on production control laboratory tests)
Flexural strength (28 days)	4,0 MPa (EN 1015-11) (Average value based on production control laboratory tests)
Bond strength with concrete	>1,0 N/mm <sup>2</sup> (EN 1015 - 12)
Water absorption	<0,16 Kg /m <sup>2</sup> .min <sup>0,5</sup> (EN 1015 - 18)
Water vapour diffusion coef	μ=5/20 (EN 1015 - 19)

## APPLICATION

### SURFACE PREPARATION



**Surfaces must** be clean, dry and free from dust, grease and loose materials.



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Thermal Insulation System

## APPLICATION

### STEPS OF APPLICATION

1

Using an electric low speed drill, mix well a 25kg bag with 5,5 - 6 liters of clean water (approximately) until you get a homogenous mass without sticky lumps.

2

Leave the mixture for 5 – 10 minutes to set and stir again for some time. The time of use of the finished mixture is 1 -3 hours, depending on the ambient temperature and the time period.

3

Apply GNK 10G EASY, either on the entire surface of the insulation board with notched trowel, or around the board and selectively in the center with a trowel, making sure that the adhesive material covers least 40% of insulation board surface. The attachment of the insulation boards must start from the bottom of the wall upwards, crosswise and with no gaps.

### TIPS

- The content of the GNK 10G EASY bag should be protected from humidity.
- Do not add excessive amounts of water because it can reduce product's strength.

- Not recommended for use in extreme weather conditions frost or heat wave.
- Application temperature +5°C to +35°C. Tools must be cleaned immediately after use with water and if needed with soapy water or

a detergent.

- The above application guidelines are indicative, for the correct use of the product. For more technical details please contact the company's technical department.

## ADDITIONAL INFORMATION

### SAFETY ADVICE



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

### STORAGE



Maximum storage time in unopened packaging and dry environment: 12 months from production date.

### CE MARKING



VITEX S.A.  
P.O. BOX 139 IMEROS TOPOS, ASPROPYRGOS GR 19300  
GNK 10G EASY  
23  
DoP No: VIT-CPR-0019

EN 998-1:2016  
General purpose rendering/plastering mortar, type (GP/CSIV/W,2)

Reaction to fire	A <sub>2</sub> -S <sub>1</sub> ,d <sub>0</sub>
Water absorption	W <sub>2</sub>
Water vapour diffusion coef	μ=5/20
Adhesion	>1,0 N/mm <sup>2</sup> (FP: A)
Thermal conductivity	λ <sub>tab, dry</sub> = 0,17 W/mK (tab. mean value; P= 50%)
Durability (against freeze / thaw in the place of use)	Evaluated as excellent, after laboratory and field tests

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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