



VITEX THERM

Σύστημα Εξωτερικής Θερμομόνωσης
Thermal Insulation System

GNK 20W EASY

Fiber reinforced white mortar for etics

Fiber reinforced, coarse-grained white cementitious plaster. In combination with fiberglass mesh, is used for the coating of insulation boards of expanded of extruded polystyrene and boards of mineral fibers (rockwool). It can also be used to bond the insulation boards on the outer surfaces of buildings. Certified with the CE marking according to EN 998-1.



Advantages:

- Very good mechanical resistance and flexibility
- Very good adhesion on the substrate
- Very good workability

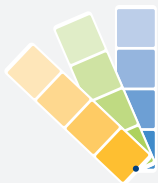
PRODUCT FEATURES

SPREADING RATE

- 3-5 kg of dry mortar per m², depending on the nature of the substrate, when used as an insulation board's adhesive.
- 3- 4,5 kg of dry mortar per m², when used as a fiberglass mesh reinforced mortar on polystyrene or rockwool.

COLOURS

Available in white



APPLICATION FIELD

The product is used for the coating of insulation boards of expanded or extruded polystyrene and boards of mineral fibers (rockwool).

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 ² (EN 1015 - 12)
Water absorption	<0,20 Kg /m ² .min ^{0,5} (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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APPLICATION

STEPS OF APPLICATION

1

Using an electric low speed drill, mix well a 25kg bag with 5,5 - 6 L 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

When used as an adhesive, apply the GNK 20W EASY, either across the surface of the insulation board with a notched trowel, or around the board and selectively in the center with a trowel, so that the adhesive covers at 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

- As reinforced mortar, apply the material with a notched trowel in 2 – 3 mm thickness. In this layer place the fiberglass mesh and by using a smooth spatula dip in the mesh. The strips of the mesh should overlap by 10 cm approx.
- At the end polish the surface, while simultaneously remove excess mortar.

The content of the GNK 20W 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.

CE MARKING



VITEX S.A.
P.O. BOX 139 IMEROS TOPOS, ASPROPYRGOS GR 19300
GNK 20W EASY
23
DoP No : VIT-CPR-0020

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

Reaction to fire	A ₂ -S ₁ ,d ₀
Water absorption	W ₂
Water vapour diffusion coef	μ=5/20
Adhesion	>1,0 N/mm ² (FPC)
Thermal conductivity	λ _{dry} = 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

STORAGE



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

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.

+30.210.5589.400

TECHNICAL SUPPORT



VITEX S.A., P.O. Box. 139 Imeros Topos, Aspropyrgos GR 193 00 | Tel. +30 210 5589500, Fax +30 210 4835007 | www.vitextherm.gr

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