

Vitextherm Glass Fiber Mesh



VITEX THERM
Σύστημα Εξωτερικής Θερμομόνωσης
Thermal Insulation System

Alkali resistant glass fiber mesh 160 gr/m² to reinforce the fiber reinforced mortar / paste. VITEX THERM GLASS FIBER MESH is part of the External Thermal Insulation Composite System (ETICS) VITEX THERM, which is certified with the CE marking according to the requirements of ETAG-004. Certificate Number: ETA-15/0148.

- **High tensile strength**
- **High elasticity**
- **Alkali resistant**

PACKAGING

Available in rolls of 1m x 50m.

CONSUMPTION

1,1 m² /m².

APPLICATION

The anti-crack layer is applied all over the insulation board surface. GNK 20W or GNK ELASTIC is placed with a notched trowel 8 or 10 mm in a layer of 4-5 mm total thickness. The glass fiber mesh is embedded into the freshly applied reinforcing compound and the surface is smoothed and leveled using a large surface trowel. The glass mesh is applied from the top to the bottom by continuous overlapping of the rolls by 10 cm on both sides in order to have a uniform stress distribution.

For further protection from external stresses an additional glass fiber mesh can be applied before the first layer of the reinforcing compound is dried.

It is important that the glass fiber mesh must cover the whole surface including the special pieces (eg corner beads, dripnose beads) and the inner corners of the building.

In the openings (doors and windows) it is necessary to install a **DIAGONAL MESH TO REINFORCE THE STRUCTURAL OPENINGS**



TECHNICAL CHARACTERISTICS

Roll dimensions	1m x 50m
Area weight	≥ 160 g/m ²
Tensile strength and elongation	≥ 36 N/mm; ≥ 20 N/mm after conditioning; ≥ 50% residual strength; 3,8% elongation in standard conditions

STORAGE

Store in dry conditions.

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