



Vetotherm Mesh

Glass fiber reinforcement meshes designed for use with external thermal insulation coating systems

Uses

- Reinforcement of ETICS/EIFS body and topcoats.
- Strengthening of corners and sharp angle sections.
- Reinforce against crack formation in wall coatings.

Product Description

Vetotherm Mesh is a range of ready-to-use thin glass fiber meshes used with wall coatings and cladding, including external thermal insulation systems ETICS / EIFS as a reinforcement and impact resistance against the crack formation, and it provides a high tensile strength composite system. The range includes various weights and opening sizes depending on the project and engineer's requirements.

Advantages

- Compatible with a wide range of coating types, including cementitious, acrylics, epoxies, polyurethanes, polyureas, and hybrid systems.
- Easy imbedment in cementitious and resinous materials.
- Exterior as well as interior applications.
- Specifically designed for ETICS / EIFS.
- High tensile strength.
- Plasticizer free.
- Alkali-resistant.
- Easily cut into size with a razor.

Technical Data

Vetotherm Mesh	Typical Values
Properties	Alkaline-resistant, plasticizer-free and silde resistant
Material Appearance	E-glass, White
Basic Weight (g/m ²)	160 - 165
Mesh Size (mm)	4 x 4
Dimensions	100 cm (W) x 50 m (L)
Tensile Strength (N/5cm Wrap)	1900 N (as delivery states)
Tensile Strength (N/5cm) Weft	1900 N (as delivery states)
Packaging Unit	30 rolls/ carton

Usage Instructions

Surface Preparation

All suitable substrates must be smooth, structurally sound, and free of any substance that could prevent adhesion.

Do not use chemical means (acid etching or stripping) to prepare approved substrates. Use mechanical methods only.

To remove any bond-inhibiting materials, concrete substrates should be mechanically cleaned and prepared by diamond-cup grinding or other engineer-approved methods to obtain the International Concrete Repair Institute (ICRI) concrete surface profile (CSP) of #2. When concrete requires more mechanical preparation, the profile will typically increase. In such cases, the surface can be made smooth by applying coats of a Saveto Vetorep range of products.

Consult Vetoproof range Technical Data Sheets of individual waterproofing products for other important surface preparation instructions. For other details contact Saveto Technical Services Department.

Application

Embed Vetotherm mesh into the upper third of the body or topcoat.

Always allow for a 10 cm overlap between rolls.

Apply Vetotherm Mesh at corners and window reveals where necessary. Prepare a diagonal reinforcement on building openings with angles or Vetotherm Mesh with minimum dimensions 20 x 40 cm.

Use aluminum rollers to compact the mesh into place. Handle the mesh with care to prevent damage during application.

Consult with individual product technical datasheet requirements for Vetotherm Mesh usage.

Packaging & Coverage

Product	Pack Size
Vetotherm Mesh	50 m ² : (50 m x 1 m) rolls 25 m ² : (25 m x 1 m) rolls

Legal Disclaimer

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Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

Shelf Life & Storage

Vetotherm Mesh has a shelf life of 24 months, provided it is stored clear of ground in a dry, shaded place at -100C to +500C.

Health & Safety

Refer to the product Material Safety Data Sheet for further information.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.