

Sempre TG-15 Fibreglass Mesh

Reinforcing mesh 165 gr / m².

Component of SempreTherm External Wall Insulation Systems.



Technical Data Sheet
No. 7.FGM
15.11.2009

Characteristics

- alkali-resistant
- slip-proof
- tear-proof
- algae and fungi resistant

Scope of use

Reinforcing mesh for embedding into reinforced layers made from Sempre Universal TU-200 basecoat in SempreTherm External Wall Insulation Systems. For facades exposed to higher mechanical loads.

Application

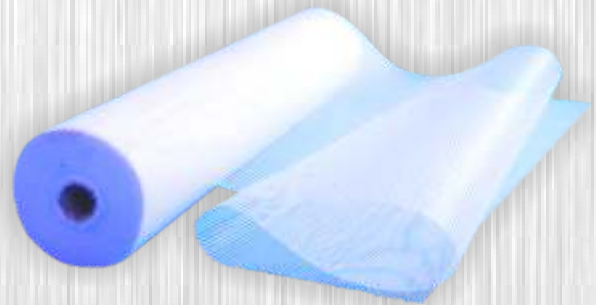
The Basecoat (TU-200) is prepared and is trowel applied to the surface of dry insulation boards at approximately 2/3 of the final basecoat thickness. Basecoats requiring the addition of water should be mixed mechanically using a drill and mixer. A 10 mm toothed trowel (held at 45° to the insulation board) is used to leave castellations in the basecoat. A layer of alkali resistant fibreglass mesh is then applied either vertically or horizontally ensuring the mesh is overlapped at joint by a minimum coverage of 100 mm (overlaps in quoins should be min. 150 mm). The mesh should be pressed into the basecoat using a notched float so that it is not visible, yet it should not make direct contact with the Insulation. The remaining 1/3 thickness of basecoat is then applied as required to ensure the mesh is completely covered and the required minimum thickness of base coat is achieved. Additional pieces of reinforcing mesh are applied diagonally at the corners of openings to provide the necessary reinforcement in prior to the application of the basecoat. At affected locations apply, install 200 x 300 mm mesh strips at a 45° angle in relation to the lines determined by the reveal embedded into basecoat in accordance with the Certificate holders instructions.

Storage

In a dry place, upright and free from pressure

Packaging

Rolls of 1 m width and 50 m length



Technical data

| | |
|-----------------------------|---|
| Base: | glass fabric |
| Weight: | 165 gr / m ² |
| Colour: | white |
| Temperature of application: | from +5 °C to +25 °C |
| Mesh size: | 4 mm x 4 mm |
| Estimated consumption: | approx. 1,1 m ² / m ² |

This product possesses:

- within the SempreTherm External Wall Insulation System:
NSAI Certificate No. 11/0358

Please note

Please refer also to the technical data sheets of other products in the SempreTherm systems for specific advice on how to prepare the substrate and execute the work. Please refer in particular to ETAG 004 as well as to the information issued in the SempreTherm Manual.

Should you need support or advice, please consult our advisory service for architects and contractors on the hotline number:

ROI Phone: + 353 68 304 35

UK Phone: +44 20 3195 3880

D Phone: +49 56 52 / 95 884 - 0

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

Manufacturer:

TG TEXTILGLAS GmbH

Kannhöhe 6

D-37242 Bad Sooden - Allendorf

tel: +49 56 52 / 95 884 - 0

fax: + 49 56 52 / 95 884 - 21

e-mail: info@tg-textilglas.de

www.tg-textilglas.de

ROI Distributor:

Sempre Therm Ireland Ltd

Abbeyfeale

Co. Limerick

tel: +353 68 304 35

mobile: +353 87 62 55 603

e-mail: info@sempretherm.ie

www.sempretherm.ie

UK Distributor:

Energytherm

Suite 1333, Kemp House, 152-160 City Road

EC1V 2NX, United Kingdom

tel: 00 44 (0) 20 3195 3880

mobile: 00 44 (0) 77 6784 1143

e-mail: tom@energytherm.co.uk

www.energytherm.co.uk