

Technical Data Sheet

Sto-Glass Fibre Mesh

Alkali-resistant reinforcing mesh



Characteristics

Areas of application

- exterior and interior
- as reinforcing mesh
- all-purpose

Properties

- optimised absorption of forces for the ultimate in reliability and crack prevention
- high tensile strength
- non-shifting
- alkali-resistant
- plasticiser-free

Format

- mesh width: 6 x 6 mm
- width: 110 cm

Technical data

Criterion	Standard / test regulation	Value/ Unit	Notes
Area weight	ETAG 004 / Appendix C 6.1	> 155 g/m ²	
Mesh width	ETAG 004 / Appendix C 6.3	6.0 mm	
Tensile strength condition upon delivery	ETAG 004 / 5.6.7.1.1	> 1,750 N/5cm	
Remaining tensile strength after ageing	ETAG 004 / 5.6.7.1.2	> 1,000 N/5cm	

The characteristic values stated are average values or approx. values. We use natural raw materials in our products, which means that the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended purpose.

Substrate

Requirements

-

Application

Consumption

Type of application	Approx. consumption
with an overlap of 10 cm	1.00 m/m ²

The consumption of the material depends on the application method, substrate and consistency, amongst other factors. The stated consumption rate is only to be used as a guide. Where required, precise consumption values should be established on the respective project.

Application

Embed the reinforcing mesh in the upper third of the reinforcement without bubbles

Technical Data Sheet

Sto-Glass Fibre Mesh

and creases into the freshly applied reinforcing compound, then fill and level. The mesh joints must overlap by 10 cm, the yellow edge strips serve as overlap marking.

In the plinth area, cut off the reinforcing mesh at the bottom edge of the Sto-Plinth Profile with a sharp knife. Apply the reinforcing mesh around corners and window reveals where necessary.

A diagonal reinforcement must be made on building openings (windows, doors) with Sto-Reinforcing Patch, Sto-Lintel Corner Mesh Angle or strips of mesh (minimum dimensions 20 x 40 cm).

If the mesh is cut into in the area of the scaffolding anchors, for example, an additional strip of mesh must be embedded over the cut. The mesh must be handled with care to prevent damage during application.

Delivery

Colour range White with yellow markings

Packaging Roll

Storage

Storage conditions Store in dry conditions.

Certificates / approvals

ETA-03/0027	StoTherm Classic 1 (EPS and StoArmat Classic) European Technical Approval
ETA-05/0098	StoTherm Classic 2 (EPS and StoLevell Classic) European Technical Approval
ETA-06/0004	StoTherm Classic 3 (EPS and Sto reinforced cement) European Technical Approval
ETA-09/0058	StoTherm Classic 5 (EPS and StoArmat Classic plus) European Technical Approval
ETA-09/0266	StoTherm Classic 8 (EPS und StoArmat Classic/Classic plus) European Technical Approval
ETA-07/0156	StoTherm Classic 1 (MW/MW-L and StoArmat Classic) European Technical Approval
ETA-07/0088	StoTherm Classic 2 (MW/MW-L and StoLevell Classic) European Technical Approval
ETA-09/0288	StoTherm Classic 5 MW/MW-L (StoArmat Classic plus) European Technical Approval
ETA-06/0003	StoTherm Classic QS 1 (EPS and StoArmat Classic QS) European Technical Approval
ETA-06/0148	StoTherm Classic QS 2 (EPS and StoLevell Classic QS) European Technical Approval
ETA-08/0303	StoTherm Wood 1 (HWF and StoLevell Uni, dowel/bracket) European Technical Approval
ETA-09/030	StoTherm Wood 2 (HWF and StoLevell Uni) European Technical Approval
ETA-09/0231	StoTherm Mineral 1 (MW/MW-L and StoLevell Uni) European Technical Approval
ETA-06/0127	StoTherm Mineral 2

Technical Data Sheet

Sto-Glass Fibre Mesh

	European Technical Approval
ETA-07/0027	StoTherm Mineral 3 (MW/MW-L and StoLevell Novo) European Technical Approval
ETA-04/0074	StoTherm Mineral 4 (MW and StoLevell Beta) European Technical Approval
ETA-07/0023	StoTherm Mineral 6 (MW/MW-L and StoLevell Duo) European Technical Approval
ETA-05/0130	StoTherm Vario 1 (EPS and StoLevell Uni) European Technical Approval
ETA-06/0045	StoTherm Vario 3 (EPS and StoLevell Novo) European Technical Approval
ETA-06/0107	StoTherm Vario 4 (EPS and StoLevell Duo) European Technical Approval
ETA-03/0037	StoTherm Vario 5 (EPS and StoLevell Beta) European Technical Approval
ETA-04/0075	StoTherm Vario S35 European Technical Approval
ETA-06/0197	StoTherm Cell (A2) European Technical Approval
ETA-09/0267	StoTherm Resol European Technical Approval
Z-33.41-116	StoTherm Classic / Vario, bonded on solid substrates Allgemeine bauaufsichtliche Zulassung
Z-33.41-199	IspoTherm B/C, geklebt Allgemeine bauaufsichtliche Zulassung
Z-33.42-129	StoTherm Classic / Vario / Mineral, rail attachment Allgemeine bauaufsichtliche Zulassung
Z-33.43-61	StoTherm Classic / Vario / Mineral, bonded and dowelled Allgemeine bauaufsichtliche Zulassung
Z-33.43-66	StoTherm Cell Allgemeine bauaufsichtliche Zulassung
Z-33.43-925	StoTherm Wood for solid construction substrates Allgemeine bauaufsichtliche Zulassung
Z-33.43-1182	StoTherm Resol, glued and wall plugged Allgemeine bauaufsichtliche Zulassung
Z-33.44-134	StoTherm Mineral L / Classic L Allgemeine bauaufsichtliche Zulassung
Z-33.44-202	IspoTherm A, Lamelle Allgemeine bauaufsichtliche Zulassung
Z-33.47-659	StoTherm Wood in timber construction Allgemeine bauaufsichtliche Zulassung
Z-33.47-811	StoTherm Classic / Miscellaneous / Classic L / Mineral L, glued for wooden structures Allgemeine bauaufsichtliche Zulassung
Z-33.49-742	Double-walling solution for pre-existing thermal insulation Allgemeine bauaufsichtliche Zulassung
Z-33.2-124	StoReno plaster and EWIS refurbishment Allgemeine bauaufsichtliche Zulassung
Z-33.2-394	StoVentec systems for external facade plaster Allgemeine bauaufsichtliche Zulassung
Z-33.2-601	StoVentec for timber frame construction Allgemeine bauaufsichtliche Zulassung
Z-33.2-776	StoVentec mit Keramik, Naturstein, Glasmosaik

Technical Data Sheet

Sto-Glass Fibre Mesh

	Allgemeine bauaufsichtliche Zulassung
P-3139/0796-MPA BS	StoTherm Wood Allgemeines bauaufsichtliches Prüfzeugnis

Identification

Product group Reinforcing mesh

Safety Please observe safety data sheet.

Special information

The information and data in this Technical Data Sheet is intended for common applications and the product's suitability for these, and is based on our findings and experience. Nevertheless, users are responsible for establishing the suitability of the product for its intended use.

Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation with Sto. Where no approval is given, such applications are at the risk of the user. This applies in particular when the product is used in combination with other products.

When a new Technical Data Sheet is published, all previous technical data sheets are no longer valid. For the latest version, please visit www.sto.com.

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