

Technical Data Sheet

Sto-Armour Mesh

High-strength reinforcing mesh



Characteristics

Application

- exterior
- as additional reinforcement
- to improve the compressive strength of facade insulation systems in areas at risk of impacts

Properties

- high tensile strength
- non-shifting
- alkali-resistant
- plasticiser-free

Format

- mesh width: 7.5 x 7.5 mm
- width: 100 cm

Technical data

Criterion	Standard / test regulation	Value/ Unit	Notes
Surface weight	ETAG 004 / Appendix C 6.1	> 490 g/m ²	
Mesh width	ETAG 004 / Appendix C 6.3	7.5 mm	
Tensile strength condition upon delivery	ETAG 004 / 5.6.7.1.1	> 4,500 N/5C	
Remaining tear strength after ageing	ETAG 004 / Appendix C 6.3	> 2,000 N/5C	

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	Application	Approx. consumption
		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 The additional reinforcement is applied under the normal surface area

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reinforcement.

Fully embed the reinforcing mesh without bubbles and creases into the freshly applied reinforcing compound, then fill and level.

Do not overlap, but flush-joint instead.

The surface area reinforcement is applied wet in wet with the associated system reinforcing mesh on top of it.

In the plinth area, the reinforcing mesh is laid flush with the top edge of the Sto-Plinth Profile.

The mesh must be handled with care to prevent damage during application.

Delivery

Colour shade White

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 and 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-09/0231	StoTherm Mineral 1 (MW/MW-L and StoLevell Uni) European technical approval
ETA-06/0127	StoTherm Mineral 2 (MW/MW-L and StoLevell Uni) 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)

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	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-09/0267	StoTherm Resol European technical approval

Identification

Product group Reinforcing mesh

Security Please observe safety data sheet

Special information

The information or data serves to ensure the product's intended purpose or its suitability for use and is based on our findings and experience. Nevertheless, users are responsible for establishing the suitability of the product for its intended use. Applications other than those explicitly mentioned in this technical data sheet are only permissible after prior consultation with Sto AG. 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. The latest version is available on the Internet at www.sto.com.

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