

Technical Data Sheet

Sto-Armour Mesh

High-strength reinforcing mesh



Characteristics

Area of application	<ul style="list-style-type: none"> Exterior As additional reinforcement For improving the compressive strength of facade insulation systems in areas subject to a risk of impact
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Properties	<ul style="list-style-type: none"> High tensile strength Fibres resistant to dislocation Alkali-resistant Plasticiser-free
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Format	<ul style="list-style-type: none"> Mesh width: 7.5 x 7.5 mm Width: 100 cm
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Technical Data

Criteria	Standard / test specification	Value/ Unit	Notes
Mass per unit area	ETAG 004-2013 / Appendix C.3.1	> 450 g/m ²	larger-equal
Mesh width	ETAG 004-2013 / Appendix C.3.3	7.5 mm	
Tear resistance in the as-delivered state	ETAG 004 / 5.6.7.1.1	> 4,000 N/50mm	
Remaining tear resistance after ageing	ETAG 004 / 5.6.7.1.2	> 1,000 N/50mm	

The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

Application

Consumption	Type of application	Approx. consumption
		1.00 m/m ²

Material consumption depends on the application, substrate, and consistency, among other factors. The stated consumption values are only to be used as a guide. If required, determine precise consumption values on the basis of the specific project.

Application	<p>The additional reinforcement is applied under the normal surface area reinforcement. Fully embed the reinforcing mesh without bubbles and creases into the freshly applied reinforcing compound, then fill and level.</p> <p>Do not overlap the strips, but flush-joint them instead. The surface area reinforcement is applied wet in wet with the corresponding system reinforcing mesh on top of it.</p> <p>In the plinth area, the reinforcing mesh is laid flush with the top edge of the Sto-Plinth Profile. Handle the mesh with care to avoid damaging it during application.</p>
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Notes, recommendations, special information, miscellaneous Please consult the local sales office for further information and any site assistance required.

Delivery

Colour shade White

Tintable Possible to tint with max. 1 % StoTint Aqua.

Packaging	Article number	Name	Packing
	00917-001	Sto-Armour Mesh	25 m/roll

Storage

Storage conditions Store in cool dry conditions; avoid direct sunlight.

Storage life The quality of the material in its original container is guaranteed for the maximum stated storage life. The storage life information is included in the batch number on the container.
Batch number explanation:
Number 1 = the last number of year, numbers 2 + 3 = a week
i.e.: 1450013223 – stock date until the 45th week of the year 2021

Identification

Product group Reinforcing mesh

Safety Please refer to Safety Data Sheet.

Special Notes

The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use.

Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. 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 www.sto-sea.com.

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*Product images may differ from the actual product.