

PRODUCT DATA SHEET

Sika® Fibernet

ALKALI RESISTANT COATED GLASS FIBER MESH

DESCRIPTION

Sika® Fibernet is a glass fiber mesh, equipped with an alkali resistant coating, to be used as the reinforcement of cementitious mortars, renderings, plasters, e.t.c.

USES

Sika® Fibernet:

- of 80g/m² in white color is suitable for reinforcing cementitious mortars, such as Sikalastic®-1K, SikaTop® Seal-107 FL-X, SikaDecor®-803 Plus, e.t.c.
- of 110g/m² in blue color is suitable for reinforcing renders and plasters, such as SikaRep®-200 Multi e.t.c.

CHARACTERISTICS / ADVANTAGES

- Easy to be embedded in the rendering
- Alkali resistance due to surface treatment
- Long-term resistance against impacts and movements due to temperature change or shrinkage
- Uniform stress distribution on the entire surface of rendering, in order to avoid concentration of stresses and cracking
- Available in two types, depending on the application

PRODUCT INFORMATION

Construction	Shape: Mesh	Sika® Fibernet 80g/m ²	Sika® Fibernet 110g/m ²
	Color	White	Blue
	Aperture size:	4,7 x 3,2mm	10 x 10mm
Fibre Type	Glass fibres (E-glass), alkali resistant		
Packaging		Sika® Fibernet, white	Sika® Fibernet, blue
	roll length	50m	50m
	roll width	100cm	25 or 100cm
Shelf life	12 months from date of production		
Storage conditions	The product must be stored in original, unopened, undamaged and sealed packaging, at temperature between +5 °C and +35 °C. Protect from direct sunlight and frost.		
Area Density		Sika® Fibernet, white	Sika® Fibernet, blue
	Fabric weight	min. 65g/m ²	min. 85g/m ²
	Finished weight	min. 80g/m ²	min. 110g/m ²

TECHNICAL INFORMATION

Laminate Nominal Thickness	Sika® Fibernet 80g/m ²	Sika® Fibernet 110g/m ²	
	min. 0,35mm	min. 0,43mm	
Elongation at Break	Original:	Sika® Fibernet, white	Sika® Fibernet, blue
	Warp (longitudinal)	3,0%	3,6%
	Weft (transverse)	3,0%	2,8%
	After ageing:		
	Warp (longitudinal)	3,0%	1,3%
	Weft (transverse)	3,0%	1,5%
Tensile Resistance	Original:	Sika® Fibernet, white	Sika® Fibernet, blue
	Warp (longitudinal)	850N / 5cm	1059N / 5cm
	Weft (transverse)	1100N / 5cm	820N / 5cm
	After ageing:		
	Warp (longitudinal)	425N / 5cm	675N / 5cm
	Weft (transverse)	550N / 5cm	510N / 5cm

APPLICATION METHOD / TOOLS

Apply a uniform layer of cementitious mortar, such as Sikalastic®-1K, SikaTop® Seal-107 FL-X, e.t.c, render or plaster, such as SikaRep®-200 Multi or SikaDecor®-803 Plus, using a notched trowel or any other tool defined by the Technical Data Sheet of the product. Place Sika® Fibernet onto the freshly applied product. Furthermore, apply the second layer of the mortar after completing the embedding of Sika® Fibernet using a spatoula. In order to avoid cracks between consecutive rolls of Sika® Fibernet, ensure an overlapping of ≥ 10cm.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no sub-

stances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1% (w/w).

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must

be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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