



PRODUCT DATA SHEET

SikaWall® Fiberglass Mesh

Alkali-resistant fiberglass mesh

PRODUCT DESCRIPTION

SikaWall® Fiberglass Mesh is an alkali-resistant fiberglass mesh designed for use with SikaWall®-1000 ICF systems. It is embedded within the parge coat to provide reinforcement, help distribute stress, and support crack control in reinforced surface applications.

WHERE TO USE

SikaWall® Fiberglass Mesh is used as a reinforcement mesh on exterior ICF walls and EPS surfaces in conjunction with SikaWall®-1000 ICF parge coat or similar cementitious materials where additional dimensional stability and reinforcement are required.

CHARACTERISTICS / ADVANTAGES

- Alkali-resistant with fiber-fixing coating
- Designed for use with cementitious parge coat systems
- Suitable for embedding on ICF walls and EPS substrates
- Provides increased flexural strength to the base coat
- Flexible and easy to cut and handle on site

PRODUCT INFORMATION

Packaging	Roll 1m x 45 m (3.3 ft x 147.6 ft) 33 rolls per pallet
Colour	White
Shelf Life	N/A
Storage Conditions	Store in dry areas, protected from UV, heat, and moisture. Keep in original plastic wrapping, vertically in boxes on pallets. Storage temperatures are between -10 °C to 40 °C (14 °F to 104 °F).
Length	45 m (147.6 ft)
Width	1 m (3.3 ft)
Thickness	0.46 mm (0.018 in)
Dry Fibre Density	145 g/m ² (4.3 oz/yard ²)

TECHNICAL INFORMATION

Elongation		Warp / MD	Weft / CMD	(ASTM D5035)
	Original	< 4.5 %	< 4.5 %	
	After ageing	< 3.5 %	< 3.5 %	

Tensile Resistance		Warp / MD	Weft / CMD	(ASTM D5035)
	Original	32 N/mm (183 lbf/in)	36 N/mm (206 lbf/in)	
	After ageing	> 21 N/mm (> 120 lbf/in) min 50 %	> 21 N/mm (> 120 lbf/in) min 50 %	

Yield	45 m ² (484.3 ft ²) per roll
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BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

ENVIRONMENT, HEALTH & SAFETY

This product is a manufactured article that does not require Safety Data Sheets to be marketed, transported or applied at the jobsite, according to the Hazardous Product Act - Section 2. Based on our current knowledge, this product is not classified as dangerous and does not contain any hazardous materials. Always wear personal protective equipment (including safety goggles and gloves) to manipulate and install Sika® products.

APPLICATION INSTRUCTIONS

Cut SikaWall® Fiberglass Mesh to the required dimensions using scissors or a utility knife. Handle rolls carefully to avoid damaging the mesh edges. Embed SikaWall® Fiberglass Mesh into the wet SikaWall®-1000 ICF parge coat or similar cementitious materials, ensuring it lies flat without wrinkles or folds. Overlap edges by a minimum of 65 mm (2 ½ in) and double the mesh at all corners and openings (e.g., windows and doors) for additional reinforcement. Press gently to remove air pockets and ensure full contact. Ensure the mesh is fully covered and uniformly embedded.

Note: Refer to the SikaWall®-1000 ICF PDS or equivalent for parging mortar application guidelines.

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LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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