

## PRODUCT DATA SHEET

# SikaWrap®-350 G Grid

### ALKALI RESISTANT COATED GLASS FIBRE GRID FOR TEXTILE REINFORCED MORTARS

#### DESCRIPTION

SikaWrap®-350 G Grid is a bi-directional glass fibre grid, equipped with an alkali resistant coating, to be used as part of a textile reinforced mortar.

#### USES

SikaWrap®-350 G Grid is used in combination with mechanical anchors (BSZ-SK or KPS-FAST) into the system Sika® Safe R for securing from delamination of the ceiling of hollow block slabs.

SikaWrap®-350 G Grid embedded in Sika MonoTop®-722 Mur is used:

- in combination with mechanical anchors (BSZ-SK or KPS-FAST) into the system Sika® Safe RM for securing from delamination of the ceiling of hollow block slabs
- Reinforcing non-structural masonry walls made of brick, blocks or stone
- Connecting masonry walls to other walls or to a reinforced concrete structure

#### CHARACTERISTICS / ADVANTAGES

- High tensile resistance in both directions
- Economical
- Non-corroding
- Alkali resistant coating

#### PRODUCT INFORMATION

<b>Construction</b>	Fibre orientation	0° / 90°
	Grey alkali resistant SBR coating Stitch spacing: 18.2 × 14.2 mm (center to center distance)	
<b>Fibre Type</b>	E-glass fibre	
<b>Packaging</b>	Roll width	50 m
	Roll length	1.0 m
<b>Shelf life</b>	24 months from date of production	
<b>Storage conditions</b>	Store in undamaged, original sealed packaging, in dry conditions at temperatures between +5 °C and +35 °C. Protect from direct sunlight.	
<b>Dry Fibre Density</b>	2.6 g/cm <sup>3</sup>	

Area Density	Glass fibre		With coating
	Total	280 g/m <sup>2</sup> ± 5 %	360 g/m <sup>2</sup> ± 3 %
Warp (longitudinal):	145 g/m <sup>2</sup> ± 5 %	—	
Weft (transverse):	135 g/m <sup>2</sup> ± 5 %	—	

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<b>Dry Fibre Tensile Strength</b>	2 600 N/mm <sup>2</sup> (measured on roving)
<b>Dry Fibre Modulus of Elasticity in Tension</b>	> 80 000 N/mm <sup>2</sup>

## TECHNICAL INFORMATION

<b>Tensile Resistance</b>	Warp (longitudinal)	~77 kN/m
	Weft (transverse)	~76 kN/m
<p>Note: The above values are typical and indicative only. Effective values depend on the quality of application and the type of tensile testing procedure. Apply material reduction factors according to the relevant design standard.</p>		

## SYSTEMS

<b>System Structure</b>	SikaWrap®-350 G Grid is embedded in Sika® MonoTop®-722 Mur.
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## APPLICATION INSTRUCTIONS

### APPLICATION METHOD / TOOLS

Apply a first layer of Sika® MonoTop®-722 Mur (min. 5 mm) to the prepared substrate.

Embed SikaWrap®-350 G Grid in the fresh first layer of mortar.

While the first layer is still fresh, apply a second layer of Sika® MonoTop®-722 Mur (approx. 5 mm) to completely cover the reinforcement grid.

If required finish the fresh mortar surface according to project requirements using wooden or plastic float.

For further information, please refer to the product data sheet of Sika® MonoTop®-722 Mur.

For further information in case of use for securing from delamination of the ceiling of hollow block slabs, refer to the system data sheet of the system Sika® Safe R or Sika® Safe RM.

## IMPORTANT CONSIDERATIONS

See product data sheet of Sika® MonoTop®-722 Mur  
See system data sheet of Sika® Safe R or Sika® Safe RM

## 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 substances 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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