

PRODUCT DATA SHEET

Sikacrete[®]-611 PVA Fibres

PVA Fibres for reinforcement

DESCRIPTION

Sikacrete[®]-611 PVA Fibres are high-performance reinforcing fibres with a length of 12 mm and a diameter of ~100 dtex.

USES

Sikacrete[®]-611 PVA Fibres are used for reinforcing cement-based compounds like Sikacrete[®]-911 W.

CHARACTERISTICS / ADVANTAGES

- Increases ductility, energy absorption and toughness of mortars.
- Improves impact resistance, fatigue endurance and flexural strength of mortars.
- Reduces early age shrinkage cracking.

PRODUCT INFORMATION

Packaging	4.1 kg and 3.1 kg bags.
Appearance / Colour	Straight cut fibre strands, white to ivory colour
Shelf Life	2 years from date of production if stored at below mentioned conditions.
Storage Conditions	Store in dry condition away from direct sunlight or heat sources.
Length	(12 ± 2) mm
Thickness	Diameter: (100 ± 20) dtex

TECHNICAL INFORMATION

Tensile Strength	9.5 ± 2.5 T cN/dtex (conversion: 1235 ± 325 MPa)
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APPLICATION INFORMATION

Recommended Dosage	Please refer to the PDS of the relevant Sika mortar for dosage information.
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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.

LIMITATIONS OF USE

For professional use only!

FURTHER INFORMATION

Please consult the PDS of the relevant Sika mortar for further information.

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 the 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).

APPLICATION INSTRUCTIONS

MIXING

Please consult the PDS of the relevant Sika mortar for mixing instructions.

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.

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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