Product Data Sheet
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Construction

Sika Fiber Glass® 107

Fiberglass Mesh Weaves

Product Description

- Sika Fiber Glass®107 is a mesh weaves of fiberglass fabric, coated by the acrylic copolymer liquid to reduce the occurrence of plastic shrinkage and plastic settlement cracking.
- The product has the high property on strength and alkali resistance.
- It is widely used in reinforcement wall building, concrete, cement plaster, marble, ….etc

Uses

- Sika Fiber Glass® 107 are used with the flexible protective and waterproofing slurry of Sika Top Seal® 107 in the following applications:
- Water Retaining Structures
- Concrete tanks and buildings
- External & Internal walls
- Bridges
- Sea walls
- Swimming pools
- Basements

Advantages

- Reduced Plastic Shrinkage Cracks
- Reduced Plastic Settlement
- Crack Control Mesh
- Reduced Water & Chemical Permeability
- Reduced Explosive Sparkling in Fire
- Increased Abrasion Properties
- Increased Impact Resistance
- Improved Freeze/Thaw Resistance
- Improved Durability

Product Data

Base	100% Virgin Glass fiber
Colour	Natural
Design	Mesh Fiberglass
Width	1 m and 2 m.
Packaging	1*45 m Roll. 2* 45 m Roll.
Storage Conditions	Rolls of glass fibers must be stored on a clean surface, in dry conditions under cover and away from the possibility of damage.

Construction

Technical Data

Weight	100 ±10% gm / m^2
Absorption	Nil
Melt Point	160 ºC
Thermal Conductivity	Low
Electrical Conductivity	Low
Acid Resistance	High
Alkali Resistance	100%
Breaking Strength (N/5cm)	≥ 1000

Application

Apply the first coat of the flexible protective and waterproofing slurry of Sika Top Seal® 107 the flexible fiberglass of Sika Fiber Glass® 107 should immediately be fixed to the wet coated surface and then apply the second coat of the waterproofing slurry according to the product technical data sheet.

Safety Instructions

Ecology

Residues of material must be removed according to local regulations.

Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.

Toxicity

Non-Toxic under relevant health and safety codes.

Transport

Non-hazardous.

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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