

# PRODUCT DATA SHEET

## SikaFill®-200 Fiber

### FIBER REINFORCED, ELASTIC WATERPROOFING COVERING FOR ROOFING APPLICATIONS

#### DESCRIPTION

SikaFill®-200 Fiber is a 1-component elastic coating, with creamy consistency, based on styrene-acrylic copolymers in water emulsion and containing glass fibers which dries forming a flexible, waterproof and durable film.

#### USES

*Waterproofing of visitable roofs with various substrate types:*

- Very porous terrace tiles
- Polyurethane foam
- Fiber-cement
- Zinc
- Aluminium
- Wood
- Roof tiles
- Bricks
- Mortars
- Concrete
- Asphalt sheets with finishing of aluminium or slate, e.t.c.

*Protection of partition walls against surface water infiltrations:*

- Vertical side walls, pipings, e.t.c.
- Bridging of cracks
- Zinc eaves gutters

▪ Treatment of meeting points in chimneys

Before applying on PVC or polyester substrates, and on painted substrates, it is recommended to carry out preliminary tests to determine the compatibility and whether it is necessary to carry out a sanding beforehand.

#### CHARACTERISTICS / ADVANTAGES

- Waterproof against rain and splashes
- High elasticity and capacity to crack bridging
- Walkable
- High weather resistance
- Easy application, cold-applied using traditional methods
- It can be used in areas with expansion and contraction movements without cracking
- Good adhesion to most substrates: concrete, mortar, fiber-cement, tiles, bricks, steel, zinc, aluminium, bituminous felts
- Water based, non-toxic and non-flammable

#### PRODUCT INFORMATION

<b>Composition</b>	Water-based emulsion with styrene-acrylic copolymers
<b>Packaging</b>	1 kg containers
<b>Colour</b>	Grey, white, red and tile red
<b>Shelf life</b>	12 months from date of production
<b>Storage conditions</b>	Store in original, undamaged, unopened, sealed packaging, in cool and dry conditions. Protect from frost and direct sunlight.
<b>Density</b>	~ 1,3 kg/l
<b>Solid content by weight</b>	~ 60%

## TECHNICAL INFORMATION

Tensile Strength	≥ 7 kg/cm <sup>2</sup>	(UNE 53165)
Elongation at Break	~ 200%	(UNE 53165)

## SYSTEMS

System Structure	Primer	1xSikaFill®-200 Fiber diluted with water (at a ratio of 3 parts SikaFill®-200 Fiber:1 part water)
	Base coat	2xSikaFill®-200 Fiber

## APPLICATION INFORMATION

Yield	1-2 kg/m <sup>2</sup> per layer
Ambient Air Temperature	+5 °C min. / +35 °C max.
Substrate Temperature	+5 °C min./ +35 °C max.

## APPLICATION INSTRUCTIONS

### MIXING

Mix SikaFill®-200 Fiber (manually or with a low-speed electrical mixer) until it becomes completely homogeneous.

### APPLICATION

**Primer:** Using a short-haired roller or a brush, apply a priming layer. Prepare the primer by diluting 3 parts of SikaFill®-200 Fiber to 1 part of water, observing that the primer penetrates well in all the cracks and pores of the substrate.

**Base coat:** Once the primer coating has dried (~12 hours at normal conditions), apply the base coat of SikaFill®-200 Fiber with a short-haired wool roller, brush or airless spray. Apply successive layers of SikaFill®-200 Fiber. Before applying subsequent layers, make sure that the previous one has completely dried.

### CLEANING OF EQUIPMENT

Removal of fresh remnants from tools and application equipment can be carried out using water immediately after use. Hardened / cured material can only be mechanically removed.

## IMPORTANT CONSIDERATIONS

- SikaFill®-200 Fiber should not be used in areas with permanent water contact.
- SikaFill®-200 Fiber is a finishing coating.
- In case that a system with higher mechanical resistance is required, embed Sika® FiberNet (white) glass fiber net into the base coat of the system.
- Do not place piercing objects on the final coating of SikaFill®-200 Fiber.
- SikaFill®-200 Fiber is not recommended for constant or prolonged immersion in water.
- At least 2 coats must be applied on the primer coat.
- In order to achieve good adhesion on bituminous felts with an anti-adhesive polyethylene film, the film

must be burned before applying SikaFill®-200 Fiber.

## 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

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## 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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