

PRODUCT DATA SHEET

SikaFuko® Smart

Re-injectable hose for sealing construction joints

DESCRIPTION

SikaFuko® Smart is a re-injectable hose for sealing various construction and connection joints in water-tight concrete structures. To seal the joint, SikaFuko® Smart is injected with suitable Sika® Injection materials, such as acrylate and micro-fine cement suspensions (for multiple injections) or polyurethane and epoxy resins (for single injection). The hose can be re-injected multiple times if necessary.

USES

The Product is used for:

- Sealing construction and connection joints
- A back-up system for waterbars
- Additional joint safety for many different structures and construction methods
- Testing structures for water leaks

The Product is used in the following water retaining or excluding structures:

- Basements
- Reservoirs
- Dams
- Canals
- Wastewater treatment plants
- Tunnels
- Subway and metro systems
- Retaining walls

PRODUCT INFORMATION

Packaging

Supplied as a Combi-pack in a cardboard box containing:

- 200 m SikaFuko® Smart
- 10 m green PVC-hose (inlet)
- 10 m white PVC-hose (outlet)
- Accessories (50 Hose connectors, 50 closure plugs, 1000 fastening clips)

All accessories including inlet and outlet PVC-hose are available separately. Refer to the current price list for available packaging variations.

Shelf life

48 months from date of production

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May 2024, Version 02.01

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Storage conditions

The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +35 °C. Always refer to packaging.

Diameter

Internal hose diameter	6 mm
External hose diameter	12 mm

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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

SUBSTRATE PREPARATION

The concrete surface must be clean and all loose materials must be removed before installing the hose and placing concrete.

APPLICATION

Reference must be made to the following Sika® Method Statements:

- Sika Method Statement — SikaFuko® System assembly, installation and injection

Contact Sika Technical Services for additional information.

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 the 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 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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