

PRODUCT DATA SHEET

SikaFuko®-909

(formerly MSeal 909)

RE-INJECTABLE HOSE FOR SEALING CONSTRUCTION JOINTS

DESCRIPTION

SikaFuko®-909 is a re-injectable hose for sealing various construction and connection joints in watertight concrete structures. To seal the joint, SikaFuko®-909 is injected with suitable Sika® Injection materials, such as acrylate and microfine cement suspensions (for multiple injections) or polyurethane and epoxy resins (for single injection). Hose can be used to re-inject multiple times if necessary. Suitable for use in hot and tropical climatic conditions.

USES

- Sealing construction and connection joints
- Suitable for many different structures and construction methods where additional joint security/safety is required

- Prevents water ingress through concrete joints in the following typical structures: Water retaining or excluding structures, water reservoirs, dams, canals, sewage treatment plants, tunnels, subways, retaining walls
- As a back-up system for waterbars
- Enables testing for water leaks

FEATURES

- Multiple re-injections with Sika injection acrylate resins or microfine cement suspensions.
- One-time injectable with Sika injection polyurethane and epoxy resins.
- Easy and secure installation.
- External test reports for suitable injection material.
- Ideal back-up system in combination with waterbars.
- Long-term references on many international projects.

PRODUCT INFORMATION

Composition	Inner core	PVC
	Profile strips	Neoprene based cellular rubber
	Mesh	Polyester
Packaging	Two boxes comprising the following:	
	Box 1:	100 meters Yellow/blue re-injectable hose
	Box 2:	<ul style="list-style-type: none"> ▪ 20 meters green vent hose ▪ 20 meters transparent vent hose ▪ 2 meters shrink on sleeve ▪ 2 meters connecting nozzle ▪ 30 closure plugs ▪ 500 anchor clips
Shelf life	24 months from date of production	

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	Outside Diameter	18 mm ± 1 mm
	Longitudinal Internal Injection Hole Diameter	6 mm ± 0.6 mm
	Discharge Openings Diameter	3 mm ± 0.3 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.

FURTHER DOCUMENTATION

- Sika® Method Statement: SikaFuko®-909 System

IMPORTANT CONSIDERATIONS

- Installation work must only be carried out by Sika® trained, approved or competent contractors experienced in this type of application.
- Do not use SikaFuko®-909 for sealing expansion / movement joints.
- SikaFuko®-909 will only seal the joint if injected by suitable Sika® injection materials.
- Re-injection must be carried out with the tested injection materials referenced in the test reports.

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

Concrete substrate surface must be clean and all loose materials must be removed, before hose installation and concrete placement.

APPLICATION

Reference must be made to the Sika® Method Statement: SikaFuko®-909 System. Contact Sika Technical Department 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 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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ISO 9001, 14001, 45001 – SGS
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ISO 9001, 14001 – SGS
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ISO 9001, 14001 – TÜV
Sika MB Construction Chemicals LLC
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ISO 9001 – LMS
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All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



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