

PRODUCT DATA SHEET

Sika® Elastomer Waterbars - Accessories

PRODUCT DESCRIPTION

Accessories available for use with Sika Elastomer waterbars include:

- Installation supports
- Profiles for sealing the expandable hose
- Connection options for metal joint sheets
- Extras to the waterstop for injection
- Tools for forming joints

Vulcanizing machines and materials are specially designed for Sika Elastomer waterbars and are not for general use. They can only be used as accessories for joints when ordered with Sika Elastomer waterbars.

DESIGNATION

Accessories for Sika Elastomer waterbars

- Waterstop clips, size II
- Special pliers for waterstop clips
- TFL mounting bracket for Elastomer end waterstops
- Injection hose and fixing materials
- Stopper (as DIN 18197)
- Metal sheet connections
- Cutting tools: cutting knife, crescent-shaped knife
- Roughening tool: circular brush, spiked roller/abrasive ring or band
- Tool for natural rubber cover: stitching tool

CHARACTERISTICS / ADVANTAGES

- Secure anchorage of the waterstops (waterstop clips)
- Installation of joint sealing strips in the correct position with chamfered concrete joint edges (for the TFL mounting bracket)
- Ability to repair voids in the bedding mortar (injection option)
- Short-term, temporary plugging of the central hose against penetration of cement grout and other foreign materials (stopper)
- Metal joint sheet connections (factory-made connections) are possible
- Joints produced with special vulcanizing tools, saving time

PRINCIPLES FOR USE

- Design and installation principles according to DIN 18197
- Jointing system according to DIN 18197 and DIN 7865

STANDARDS / DIRECTIVES

- DIN 18197
- DIN 7865-1-2
- Application information

PRODUCT DATA

MATERIAL

- Steel (waterstop clips, metal sheet connections)
- Plastic: TFL mounting bracket, injection hoses, stopper

COLOUR

- Waterstop clips: steel grey
- TFL mounting bracket: grey
- Injection hose SikaFuko- VT 1, -VT 2: yellow
- Injection hose SikaFuko- Eco 1: red
- Fixing materials: opaque white
- Stoppers: grey
- Metal sheet connections: steel grey

PACKAGING

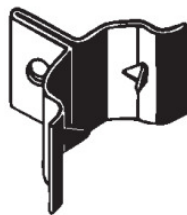
Waterstop clips: polythene bag containing 100 units
TFL bracket: metre lengths, TFL 20 and TFL 30 also in 2.50 m lengths
Injection hose: per metre, also prefabricated systems / sections
Fixings: Quick connectors in polythene bags containing 100 units
Stopper: in metre lengths
Metal sheet connections: integrated in to the water-stopping systems
Tools: supplied as individual units

STORAGE

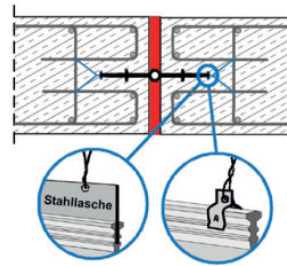
Store all Sika Elastomer waterbar accessories in a clean, dry place.
TFL mounting bracket: store flat and not under stress, do not expose to excess heat from sunlight or other heat sources.

ACCESSORIES

WATERSTOP CLIPS



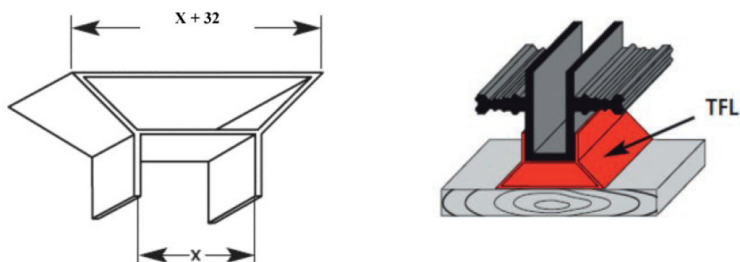
Größe 2
Size 2



Waterstop fixings at maximum 25 cm centres. Fix to the reinforcement.
Fit the waterstop clips with the special pliers.

TFL MOUNTING BRACKET

For secure installation of end waterstops and to form the edge chamfers.



Profil	Fugenweite w_{nom}	Sichtbreite X	Einheiten
	[mm]	[mm]	[m]
TFL 20	10	20	1 m / 2,50 m im Bund 10 Stück
TFL 30	20	30	1 m / 2,50 m im Bund 10 Stück
TFL 40	30	40	1 m
TFL 50	40	50	1 m

INJECTION OPTION

- Injection hoses SikaFuko-VT 1, -VT 2 or SikaFuko-Eco 1
- Fixing Circlip 16/18 (for SikaFuko-VT 1 and waterbar type D/A)
- Fixing Circlip 22 (for SikaFuko-VT 2 and waterbar type D/A)

Use the Fixings every 12.5 cm.
Please refer to the respective Product Data Sheet and Method Statement for assembly, installation and grouting of the hoses.

STOPPER

Used to plug the expandable hoses at the free waterstop ends (DIN 18197 section 5.2.1).
Profiled backing cord in metre lengths.
Cut on site to about 10 cm; insert by turning and pressing to a depth of about 5 cm.
Note: On the permanently free ends, the projecting part is cut off. On temporarily free ends the stoppers are removed before forming the connection butt joint.

METAL SHEET CONNECTIONS, FACTORY VULCANIZED

For connection of metal joint sheets to the Internally placed Sika Elastomer waterbars, prefabricated splice plates are vulcanized to them for the FM and F types, and welded for the FMS and FS types.
Standard splice plate size: 300 x 200 x 2 mm

TOOLS AND EQUIPMENTAs recommended in the Sika vulcanization training

**IMPORTANT
INFORMATION****ECOLOGY, HEALTH AND SAFETY
INFORMATION**

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

VALUE BASE

All technical data stated in the Product Data Sheet are based on laboratory tests. Actual measured data may vary from country to country. Please consult the Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The above 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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