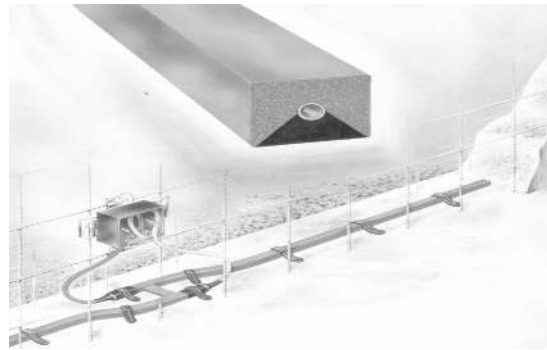


## HydroBloc®Quellschlauch 405

Swellable Injection Hose for for sealing of construction joints

HydroBloc®Quellschlauch 405 seals construction joints twice. This double function offers double safety. HydroBloc®Quellschlauch 405 consists of an injection channel which is completely surrounded by HydroTape swelling rubber. The special geometric shape of the HydroTape profile safely encloses the injection channel and protects it during the concreting process. Swellinjekt is easy and quick to install.



- Features**
- **Joint packing and injection hose in one part**
  - **Double safety for high demands**
  - **Quick and easy installation**
  - **Seals even before the injection**

**Function**

HydroBloc®Quellschlauch 405 is to be mounted on the surface of the joint before concreting. Due to the concrete's natural setting a joint may become leaky. Water enters the joint it will activate the swelling rubber and increase the hose's volume. The swelling hose closes the joint and seals it reliably. In addition resin can be injected into the hose if necessary to fill cracks or hollow spaces in the joint area.

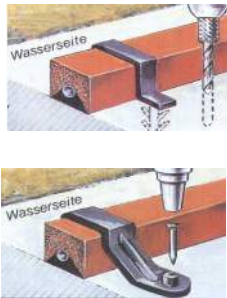
**Applications**

Reliable sealing of construction joints with technical and economic advantages. Covers high technical demands and does not need to be injected in many cases. HydroBloc®Quellschlauch 405 replaces conventional methods like plastic tapes or metal strips.



HydroBloc®Quellschlauch 405 is delivered ready for mounting in cuts of 9 m length, completely assembled with additional 2 x 70 cm PVC injection tubes. The hard paper box as packing unit contains 5 hoses (total 45m), straight connectors and a mounting instruction.

## Installation

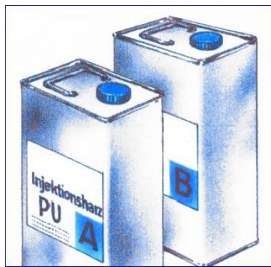


HydroBloc®Quellschlauch 405 can be easily mounted. It should be installed in the middle of the joint and always within the reinforcement. The black side (release side for the resin) always shows to the ground. The fixing of the tube will be done with Clips, Montageschelle No. 415 snap in clips for holes.

Other lengths (max.12 m) and angles for horizontal-vertical changes can easily be made with straight and angle connectors (plug in). The injection hoses can be stored in the box HydroBloc®Box 417 in order to protect the ends and to ensure later access. The box is attached to the reinforcement.

## Injection

ARCAN-Injection-Resins can be injected into the hose without problems by manual or motor driven high-pressure pumps. An injection instruction is attached to all ARCAN-Resins.



ARCAN offers different resins, HydroBloc®PU 500 and HydroBloc®PU 506, HydroBloc®575 Integral, HydroBloc®Injekt 583. They ensure an easy injection due to their low viscosity (very liquid) and consist of only two components or single component (Integral®System).

ARCAN-Injection-Resin HydroBloc®PU 500, HydroBloc®575 Integral and HydroBloc®Injekt 583 are swellable resins, after curing they increase their volume in case of water contact. A later re-injection will therefore not be necessary. The HydroBloc resins compensate later changes or little movements in the joint.

## Specification

Material	: HydroTape-Neoprene rubber, PVC-core
Expansion-capacity	: Over 150% (volume)
Colour	: Red-black
Dimension	: 20 x 20 mm
Length	: 9 m
Weight	: 540 g/m
Packing unit	: Hard paper box, 5 x 9 m = 45 m

**Clever accessories make HydroBloc®Quellschlauch 405 a system:**

## Accessories

- **Verwahrbox 417**
- **Montageschelle 415**
- **Verpresszange 427 - replaces tube packers**

These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

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## ARCAN Waterproof

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passion to invent 