



Injektion®402

Injection hose for concrete joints

Injektion®402 is a cost efficient sealing system for working joints. Proofed in more than two hundred thousand meters.

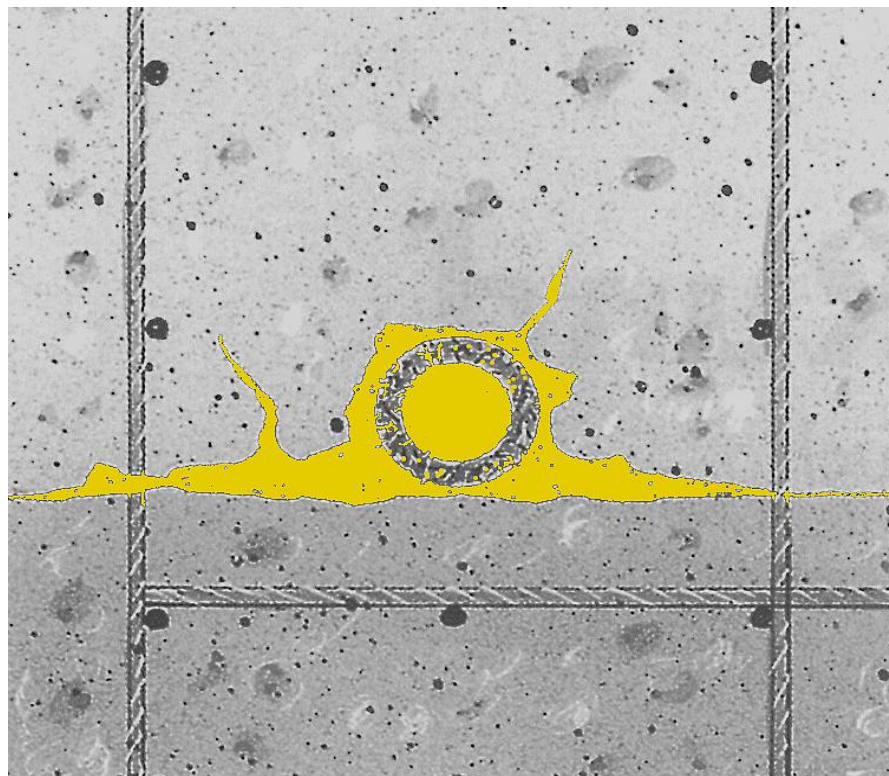
Injektion®402 is a easy, functional and cost-effective injection system. The injection hose consist completely from high solid rubber. The porous hose is treated with a special material. Therefore the penetration of laitance into the porous system of the hose is impossible. This will avoid, that the laitance will cure and block the hose for injection.

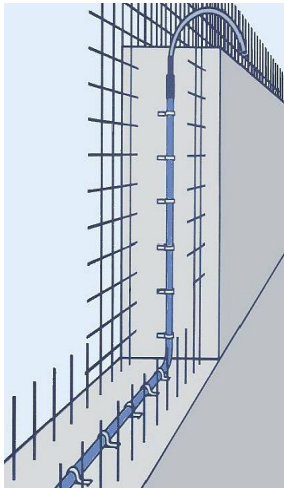
Injektion®402 is a functional system design for the waterproofing of concrete structures with injection resins.* The hose is not recommended for the use with cementing injection grouts.

Handling and installation are very easy. The hose will be installed in the middle between the reinforcement steel. There is no problem to fix it at waterstops and crack-inducers. Injektion®402 can be installed everywhere where the natural shrinkage of the concrete develops cracks and water can be get into.

**) Test report Matreialprüf- und Forschungsanstalt Leipzig*

Honey-combs and cracks will be filled with injection resin completely. This will produce a watertight concrete structure.





Injektion®402 is available prefabricated or as kit. The prefabricated hoses consists from 10 m injection hose and two 70 cm vent ends in different colors. Packaging is 5 pcs. in a cardboard (=50 m)

Injektion®402 on rolls is 250 m long. For the fabricating we will deliver prefabricated vent ends in sets. The sets will contain the necessary accessories (shrink tubing and adhesive), too.

Even the prefabricated injection hoses can easily changed in length. Cut it in the middle and reduce it to the length you want. All you need is a sharp knife or scissors. Put the end together again, using a connection-nozzle and fix it with a drop of the adhesive. The necessary accessories are part of the packaging.

Thought-out accessories make the hose to a complete system and make it easy to install even for the untrained user. Injektion®402 will be fixed with fixing-clips to the concrete. We will deliver two types of fixing-clips – one with a plug-profile for use in drillholes, the other for use with nailguns.

The connection ends are secured in storage boxes, which are simply attached to the reinforcement and are easily accessible after the formers are dismantled.

Packaging

Ready-to-install assembled hoses á 10 meters usable length and each 2 x 0.7 mtrs. pressing ends (blue and colourless) 18 cartons on a pallet or unassembled on large rolls á 250 mtr.

Accessories

Montageschelle 425

With a plug-profile, for use in drillholes. PE-bag with 100 pcs.

Konfektionierset 412

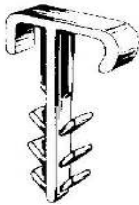
Contains prefabricated vent ends in two different colors, shrink tubings and adhesive. Fits for the fabrication of 10 injection hoses. PE-bags in a cardboard.

Verwahrdose 417

For the storage of the pressing ends. Installation at the reinforcement steel (behind the formers). Cardboard containing 5 pcs.

Verpresszange 427

Vice grip with connection for the vent end and a sliding clutch. For quick and save connection between the injection pump and the pressing ends.



Injection Resins

Functional and easy to use injection resins – all with test reports – makes a complete system
* All resin meets the regulation for plastic in contact with portable water, Germany (KTW).

HydroBloc®PU 500

Waterswellable, elastic polyurethan injection resin.
Container with 2 X 10 liter (Component A + B), Mixing ratio 1:1

HydroBloc®575 Integral

Highly elastic injection resin with only one component. Very easy to process. Cured in water additionally swellable, with "self-healing effect". Cans with 3,2 and 6,5 kg.

HydroBloc® Injekt 583

Waterswellable, hydrophilic acrylic injection resin. Watermixable. Cleaning of machine and building site with water.

Container with 2 X 10 liter (Component A + B), Mixing ratio 1:1

Silox®EP 800

Low viscous 2-Component Epoxy resin, rigid, free of solvents. Curing without shrinkage. Very good bond strength, even on moist concrete.

For special injection.

Container with 5 or 10 kg (Component A), 2,5 or 5 kg (Component B)

** ARCAN delivers a complete system of 1- and 2-Component injection resins for waterproofing and injectio technologie. Our injection resins are unique.*



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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passion to invent 