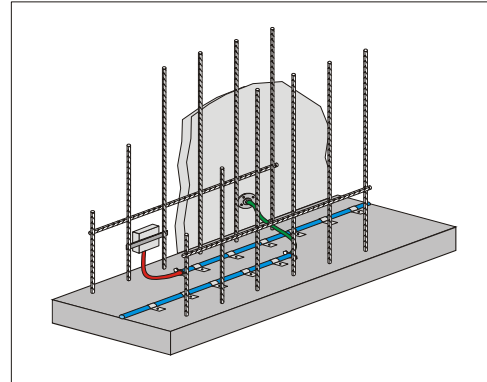


MEDIPRESS

Properties:

MEDIPRESS is a single-channel injection hose that is used as regular joint filling for the sealing of construction and butt joints. It can be used for multi-grouting in conjunction with the injection materials that have been tested for applicability.

MEDIPRESS has a circular-shaped cross-section made out of foamed PVC that is also flexible at low temperatures. The injection material is applied into the joint to be sealed via small slots in the hose jacket. Positioning and shape of the slots prevent cement slurry intruding into the injection channel.



Technical data:

Profile	:	round
Material base	:	foamed PVC
Outer diameter	:	13 mm
Inner diameter	:	6 mm
Colour	:	blue
Delivery form	:	100 m on cardboard coil
Storage	:	cool and dry, protected from mechanical damage and soiling

Processing:

Packing

MEDIPRESS is normally cut into single lengths of 8 to max. 10 m and installed according to the geometry of the structural components to be sealed. Please contact the manufacturer if the construction requires larger hose segments. The grouting end pieces (air-bleed hose) delivered as accessory are attached to both ends of the hose sections. Connecting *MEDIPRESS* and the air-bleed hose is carried out simply and without the need of tools by manually screwing the screw-in nozzle into the hoses. Finally the hose ends are sealed with plugs.

Subsurface requirements

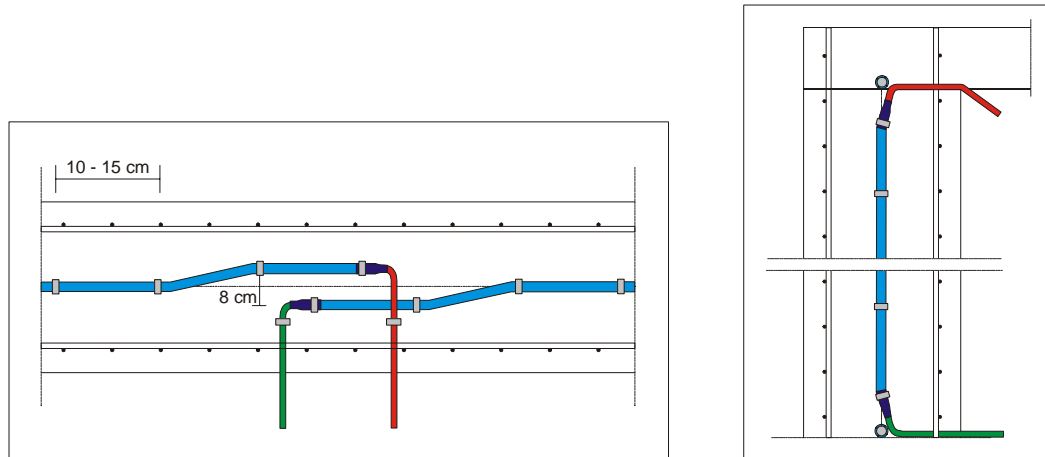
MEDIPRESS is fixed to the level concrete subsurface that has been cleared of any loose matter and cement slurry. Any ice films must be melted prior to laying, any water that has collected must be blown off the subsurface (oil-free compressed air). The subsurface must be firm, there must be no sharp-edged differences in height. The concrete on both sides of the joint must have high water-impermeability.

Fixation

MEDIPRESS is fixed by means of plastic clips or spike clamps. The *KSC I* plastic clip is driven into bore holes of 8 mm diameter. The most simple fixing method is to use metal clamps that can be nailed or shot in. In as far as possible, the fixing points should be spaced every 10 cm. Spacing between the fixing points must not exceed 15 cm in order to ensure that the injection hose is retained sufficiently for concreting.

Contact between the individual hose sections must be avoided in order to prevent the hoses from grouting each other. As a rule the air-bleed ends are led out of the construction at a right angle. They may be connected in protective boxes that are fixed to the reinforcement. Or they are fixed to the

formwork panel by means of spigots. Permeability, accessibility, markings, if applicable, and the protected position of the hose ends (air-bleed ends) must be safeguarded for subsequent grouting.



Injection

Accessible joint sections must be checked for imperfections, rock pockets etc. prior to injecting the hose sections. Detected imperfections must be professionally sealed prior to injection. Injection work should be carried out at the earliest after the hydration process has abated and with the construction joint under full stress. Injection work on connected structural components is carried out in sections, beginning at one side. Vertically positioned hoses are injected from the bottom up.

To bleed the injection hose, one side of the hose is first filled with injection material until the material pours out at the other end free of bubbles. Then this hose end is sealed. After the hose end is sealed, the injection pressure is slowly increased to enable the injection material to pour out of the slots evenly into the joint.

If *RUBBERTITE / POLINIT* acrylate gel or microfine-cement *F8000* is used, multi-grouting is possible if the hose is sufficiently flushed with water immediately after injection. Pressure-less rinsing through of the injection hose (the grouting end sealed previously must now be opened) must be carried out before the pot life of the injection material runs out. The information required for this can be found in the data sheets for the individual injection materials.

The *MINIBOOSTER 5U* 2-component injection pump, that is equipped with an external detergent pump, is recommended for injecting acrylate gel.

Further details on injection can be found in the DBV data sheet: Grouted injection hoses for construction joints, dated June 1996.

Use of the injection hose is approved for grouting with the injection materials listed below:

Microfine-cement	<i>F8000</i>
Acrylate gel	<i>RUBBERTITE / POLINIT</i>
Polyurethane resin	<i>PUR-O-CRACK</i>

Test certificates:

- General building inspection test certificate No. P-SAC 02/2.2/05-015; MFPA Leipzig 2005 single-channel injection hose *MEDIPRESS* in connection with the injection materials *F8000* and *PUR-O-CRACK*
- General building inspection test certificate No. P-SAC 02/2.2/05-016 MFPA Leipzig 2005 Single-channel injection hose *MEDIPRESS* together with the injection materials *F8000* and *RUBBERTITE/POLINIT*

Please note:

Damage such as perforation, cracking, jamming, cutting or the like render the injection hose useless. Damaged hoses must be replaced or rather must not be installed.

Only the injection materials approved within the scope of the applicability certificates may be used for injection. The respective data sheets and safety regulations regarding operation and handling must be observed.

Proper and as a result successful use of our products is beyond our control. For this reason we can only guarantee the quality of our products within the framework of our Terms and Conditions of Sale and Delivery, not, however, for their successful processing. All data and information in these instructions are based on the latest state-of-the-art technology, we expressly reserve the right to make modifications or adaptations to the development. The consumption data quoted by us can only be average experience values, deviations in individual cases are possible and can therefore not be excluded.

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