

VX Re-InjectMaster Hose is robust, tested and made of an especially composed artificial material distinguishing itself by easy workability. It acts as transport line for the grouting material which is injected after the concrete works. Its design grants a safe functionality. In regular intervals the injection hose is equipped with outlets showing in all directions and giving best injection qualities. Depending on the material properties the wall thickness of the hose is selected so that the micro-outlets open at 1 bar and the injection material gets into the area of the construction part to be injected. The result is a sure and permanent sealing of the construction joint. The micro-outlets safely prevent slurries and foreign matters from penetrating the injection hose.



After the injection process has been finished the micro-outlets close again by relaxation of the coating which had been compressed during the injection work.

## INJECTION MATERIAL

Re-injectable	Non Re-injectable
➤ Superfine cement	➤ PUR foam resin
➤ Acrylic Gel (AcryGel S.E.A PRO)	➤ PUR resin
	➤ Epoxy resin

## DESCRIPTION

Profile	Round with 4 quarter-round cuts
Colour	Blue
External Diameter	13 mm
Internal Diameter	5.5 mm
Length indicated on hose every	1 m

## PACKAGING

Real	120 running meter
Pallet	3,360 m

## OUTLET DATA

Length	About 3 mm
Spacing	About 10 mm

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## INSTALLATION

1. The maximum hose length is 10 – 15 m.
2. VX Re-InjectMaster Hose must lie flat on the surface of the first concrete layer.
3. VX Re-InjectMaster Hose is fixed with brackets or a grating. The distance between the brackets or the fixing points should be about 10 – 15 cm or less if necessary.
4. Aligned with the wall centre is the ideal position of the VX Re-InjectMaster Hose.
5. The distance of the VX Re-InjectMaster Hose to the outer edge of the joint must be at least 10 cm.
6. In the area of hose joints the two hoses must overlap by 15 cm and lie parallel at a distance of 3 – 5 cm between them.
7. The connection at the nail packers or the filling and vent systems have to be positioned so that they are perfectly accessible.

## INJECTION

The VX Re-InjectMaster Hose will be injected only after 28 days at the earliest. Visible flaws along the construction joint must be filled with quick setting cement before the injection works are started.

The injection can be carried out differently:

- By nail packers, injection hose packers
  - By filling and vent hose
1. By flushing with water or using air it is checked if the inner passage of the injection hose is free.
  2. Through the connection (filling and vent hose, nail packer, injection hose packer) the injection hose is injected until the injection material comes out at the open end which is plugged with the injection nipple as soon as the injection material comes out without any air bubbles.
  3. During the injection works the flow and distribution of the injection material in the construction joint can be monitored with the manometer of the injection pump.
  4. Required re-injection must be carried out within the processing time of the material and until the pressure remains constant. Constant pressure shows that the construction joint cannot take more material. The injection process is finished.
  5. Residual injection material is rinsed out with water and nearly without pressure. After this procedure the injection canal can be used for further injections.
  6. Prior to the injection of superfine cement (mineral injection material) or Acrylic Gel the injection hose is rinsed with water.
  7. If epoxy resin, PUR foam resin or PUR resin is used the hose cannot be rinsed. It is not possible to use it for injection again.