

# Installation tutorial

## MASTERTUBE installation set - 40 m

40 m MASTERTUBE injection hose and accessoires

article number: 030052



[Show product](#)



# Installation tutorial:



The product is supplied on a 100 m reel.

Bind the hose with filament tape and use a suitably sharp tool to cut the hose to the required length.

Injection circuits must not exceed 8 m in length.



After the hose has been cut to length, screw the respective connecting pieces fully into the hose (as far as they will go) - the image shows our fastening packers.



Place the hose centrally in the construction joint, within the reinforcement.

The surface of the construction joint must be clean, level and free of burrs, defects and loose particles of dirt.



The hose can be fastened in place with metal clips for nailing (manual or nail gun).

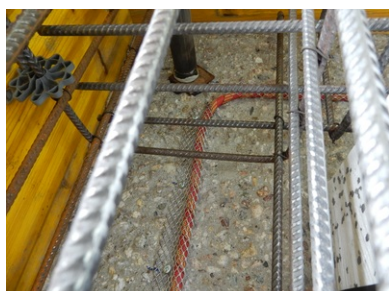
The distance between the fastening clips must not exceed 15 cm.



Alternatively, the hose can be fastened in place with plastic clips, either set in the fresh concrete or subsequently hammered into an 8 mm drill hole.

The distance between the fastening clips must not exceed 15 cm.

The hose must be in continuous contact with the concrete and must not be allowed to float.



### Fixing on joints with category "rough"

On construction joints with a rough surface, fastening with a fastening grid is necessary to ensure full-surface support on the construction joint. The fixing grid is placed over the hose and fixed alternately (to the left and right of the hose) with nail plugs every 15 cm maximum.



Successive injection hose sections must overlap by at least 20 cm in order to ensure continuous injection of the joint.



All changes in direction must be implemented with a sufficiently wide bending radius in order not to damage the hose/restrict the overall injection flow.

The minimum radius is 5 cm.

The injection and ventilation ends can be kept in storage boxes, or alternatively the hose end can be attached to the formwork itself using fastening packers. The storage boxes or fastening packers must be arranged so they are easily accessible in the event of subsequent injection procedures (take high floor structures into consideration). Once the concrete has cured, the resin can be injected via the fastening packers or the injection end pieces.

---

Status: 23.03.2022

# Accessories

## MC-Injekt 2300 Top - 1 litre

polyurethane resin for hose  
and crack injection PU-resin  
has low viscosity and provides  
a permanently elastic seal,  
long process...

## Basis

All dimensions and information in this data sheet reflect the results of the laboratory tests that have been carried out. Deviations from the values determined by us under laboratory conditions are possible due to environmental and operating conditions beyond our control. The data in this data sheet only applies for the product delivered by us. The product data corresponds only to the specifications in Germany. Possible country-specific deviations are not taken into account here.

## Indication of law

The technical information reflects our current knowledge of MASTERTUBE installation set -40 m. It is intended only as information for users. As we do not know the envisaged applications and processing conditions, it is the responsibility of the user to carefully check that the product is suitable for the intended purposes. Due to the different components at the installation site and the working conditions in place there, MASTERTEC cannot provide any guarantee whatsoever for the result of the work. Claims arising from any legal relationship can only be recognised in the event of wilful intent or gross negligence, irrespective of the statements made here or advice provided verbally. In this case the user must prove that he has provided MASTERTEC in writing with all the information required to correctly assess the installation situation in good time. Subject to necessary product specifications or further developments. By providing this information MASTERTEC does not intend to infringe third party rights. The latest data sheet in each case applies. Our corresponding terms and conditions of sale and delivery apply.

## The previous data sheets are no longer valid

Print date 02.05.2024