

Repoxal two-component glue

Installation instructions



Installation and plugging of fibre-concrete distance tubes with Repoxal two-component glue

Installation

Distance tubes are used in the construction of waterproof concrete structures. The concrete itself must fulfil the requirements for waterproof concrete.

Distance tubes are installed as usual and moistened well before concreting. When concreting, ensure that the concrete is completely encased (vibration and compaction). After stripping the formwork, the holes can be sealed. The concrete must have set sufficiently.

Cleaning distance tube holes

The holes in the distance tubes must be cleaned with a cleaning tool, e.g. a round brush or a drill. The distance tubes should be as dry as possible, water must be removed.

Mixing Repoxal two-component glue

The glue is only effective after the hardener has been added. Mixing must be carried out by the user at the place of application. When mixing, the contents of the hardener can must be completely poured into the Repoxal adhesive can. The hardener and adhesive must be thoroughly mixed together to create a completely homogeneous compound.

Plugging the distance tubes with stoppers and Repoxal glue

In principle, plugging must start on the water pressure side of the wall.

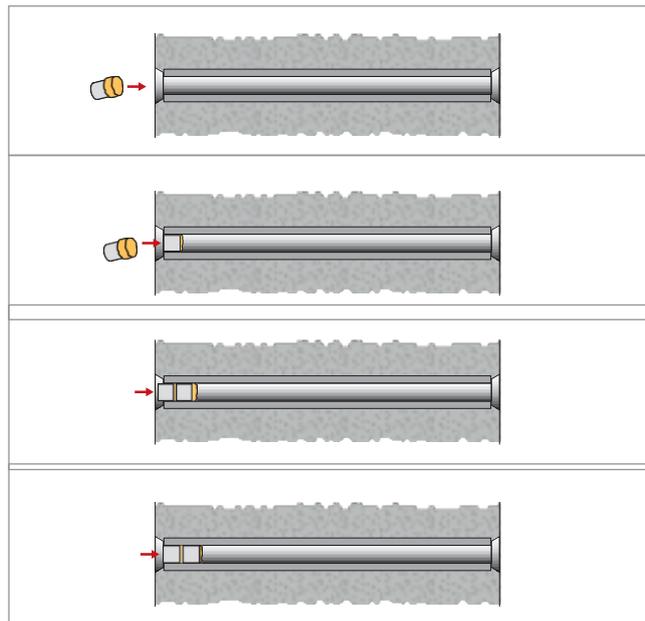
Dip the first stopper into the adhesive and turn it briefly so that it is wetted all round. Then drive the stopper in with the plugging gauge and countersink so that the first plug is approx. 10 mm deep behind the wall surface.

Then insert the second plug, also dipped in glue, and drive it in flush, spreading the remaining glue.

These stoppers should now rest for a few hours to firm up. Only then the side facing away from the water should be sealed in the same way with two stoppers. Without this waiting period, the compressed air could partially expel the stoppers on the first side.

If the plugs do not fit into the pipe due to run-in slime, the hole can be drilled out with a suitable carbide drill.

If a water pressure test is planned, it is carried out with only the two stoppers on the pressurised water side. The adhesive must have set for at least 96 hours (at a component temperature of 20°C) before the tank or cellar can be pressurised. Once the pressure test has been carried out, the inner side (facing away from the water) is sealed as above described.



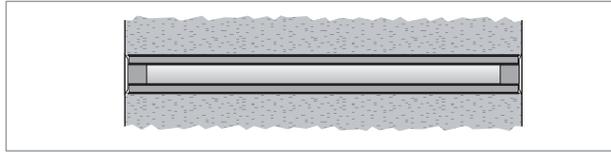
If possible, wear gloves when plugging. Hands can be cleaned with grain alcohol or thinner. They should then be washed thoroughly with soap and water.

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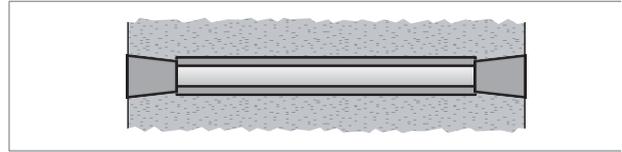
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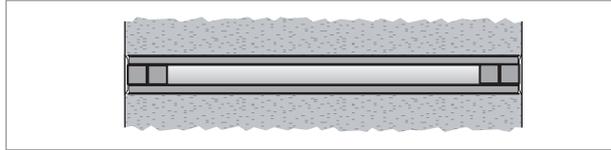
Repoxal two-component glue sealing options of distance tubes



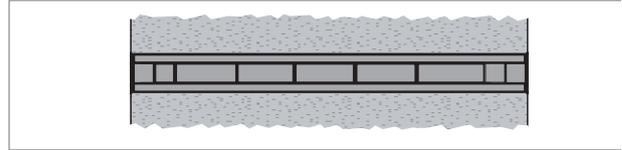
No requirements / Simple closure
with one stopper on each side



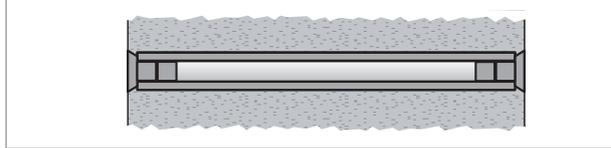
Waterproof/soundproof closure of cone holes
with a fibre-reinforced concrete sealing cone 5 cm from each side



Waterproof/soundproof closure
with two stoppers on each side



Continuous closure/closure of fire protection walls
with several plugs that fill the cavity of the entire distance tube



Waterproof/soundproof closure of cone holes
with one fibre-reinforced concrete sealing cone and one stopper on each side

Always glue in all plugs regardless of the chosen option!

Further technical information can be found in the technical data sheet.

These installation instructions can only be regarded as a recommendation. They do not replace the specialist knowledge required for installation. The instructions are always kept up to date with the latest technology and are constantly updated. We therefore expressly reserve the right to make technical changes, even without informing the customer in advance. The currently valid version can be found on our homepage at: www.maxfrank.de. Our General Terms and Conditions of Sale also apply.