

GEROtherm[®] – supplementary information

Sealing system – injection pipe

Injection pipe for manholes

The injection pipe is a powerful injection system. This tube is single-walled and is used for pressure-tight sealing between plastic and concrete.



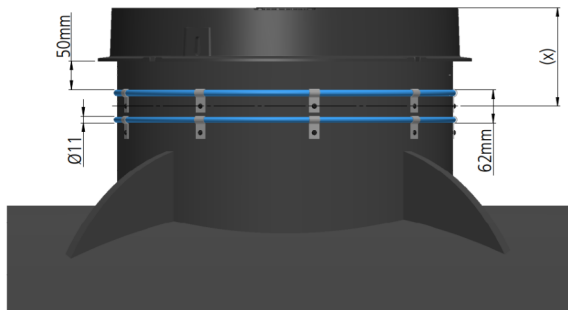
Technical data

Material:	soft PVC
Colour:	blue
Outside diameter:	11 mm
Inside diameter:	6 mm
Weight:	106 g/m

Features

- Single-wall PVC tube
- Slightly tapered openings
- Simple handling
- Injection is possible even after years
- Smooth surface prevents unwanted bonding between the injection pipe and the concrete

Technical dimensions



Case study – customer requirement B125 (cover B125)

The position of the injection pipe is defined on the release drawing with the object-specific dimension (x).

The distance between the bottom edge of the base plate (water side) and the bottom edge of the injection pipe is at least 100 mm and no greater than 250 mm.

HakaGerodur AG recommends a base plate of at least 370 mm for large manholes with customer requirement B125 (cover B125).

Processing

HakaGerodur AG assembles the connection tubes including the injection pipe at the factory. Contact between the tube and the concrete must be ensured over the entire circumference.



HakaGerodur AG can arrange for a sealing company to carry out the injection work. All the injection work must start no earlier than 28 days after concreting. The injection resin is inserted by the injection unit with slowly increasing pressure. Furthermore, a long-lasting low pressure is to be achieved. The material in the tube must be reinjected at least once within the processing time of the injection material.

HakaGerodur AG assumes no liability or costs from any consequential damage for the execution of the sealing between the manhole and the base plate.