

## For Sealing Cables and Pipes Passing Through Walls

# Directions for Stopaq, Art. No. 7810

### Tools

- Measuring tape
- Sealant gun
- Rubber gloves
- Filling knife with a 50 mm wide blade
- Abrasive sponge / sandpaper
- Pipe brush Ø 25 mm
- Sliding tool, e.g. a piece of wood 10 x 25 x 300 mm

### System products

Back filling material: Bedding Rods (Art. No. 4250-4253)

Filling mortar: Betofix R4 (Art. No. 1096)  
Waterproofing Filler (Art. No. 0426)

### Substrate preparation

Remove oil, grease, dirt, dust and all other material that could interfere with adhesion. In the case of mineral substrates such as concrete or brick walls, clean the inside of the passage through the wall either with a vacuum cleaner, by wiping with an abrasive sponge, brushing out or cleaning with water. Plastic surfaces must always be roughened with an abrasive sponge/sandpaper.

### Back filling

To produce a seal that functions and to prevent soil from entering, a barrier made of Bedding Rod (Art. No. 4250-4253) should be placed at the back side of the passage in the specified depth of 150 mm. The foamed PE bedding rod should fill the space between the pipe (or cable) and the wall of the passage. Leaking water that flows through the barrier will not disturb the back filling.

If two or more cables are passed through a wall, the Bedding Rod should be wound around each cable so that the cables are at least 8-10 mm apart.

### Bonding layer

Before Stopaq is injected, the interior surface of the passage through the wall and all cable and pipe surfaces should be coated with the Stopaq sealing compound. Place sealing compound on an abrasive sponge and thoroughly rub onto the surfaces. This pre-treatment improves adhesion. Do not apply the Stopaq sealing compound to the last 5 cm from the end of the passage since this could cause problems with the adhesion of the mortar used for closing the outer wall (Betofix R4 / Waterproofing Filler).

## Applying Stopaq

To make application of the material easier, Stopaq should be warmed to +25 °C and max. +35 °C before it is applied. To warm the cartridge, place it in a bucket of warm water.

When the cartridge of Stopaq has sufficiently warmed, insert the cartridge into the sealant gun and screw on the injection nozzle. Place the opening of the injection nozzle as close as possible to the back filling (150 mm depth) in the 6 o'clock position in the passage through the wall. Start injecting the sealing compound. Move the nozzle from side to side and from the bottom to the top, slowly drawing the nozzle outward. Make sure that the nozzle remains in contact with the sealing compound while it is being injected. This minimises the risk that air is enclosed in the sealing compound. Continue injecting the compound until a distance of 50 mm from the end of the passage through the wall has been reached.

## Superficial closure of the passage

After Stopaq has been applied, close the remaining end of the passage (5 cm from the outer end) with the PCC mortar Betofix R4 or with Waterproofing Filler. Apply the mortar so that it is flush with the surface.

Observe the Technical Data Sheets for Betofix R4 or Waterproofing Filler when working.

## Follow-up work

If the seal lets some water through, i.e. the mortar barrier remains wet even after 48 hours, the passage can be refilled as follows:

- Drill a hole with a diameter of approx. 12-15 mm through the mortar barrier.
- Use a sealing compound gun a cartridge that has a hard injection nozzle.
- Press the injection nozzle into the borehole and inject additional Stopaq.
- Remove the remains of Stopaq that adhere to the wall where the hole was made by drilling or scratching the cement. Close the hole with fresh mortar (Betofix R4 / Waterproofing Filler).

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