

# Pipe Seal PD



## Installation guide compact seal insert against pressing water

1. Clean the internal wall of the core-drilled hole / wall sleeve / cable conduit in the installation area of the seal insert.
2. Make sure the carrier pipe is located centrally.
3. Pipe-Seal compact seal inserts do not function as support bearings. They are only meant to seal pipelines and cables pressure-tight. Slight axial movements of the carrier pipes are tolerable.
4. The interior walls of core-drilled holes can be coated with Concrete Finish before the installation of the seal insert.
5. Make sure that the seal insert (the side of the nuts) is installed from the side of the construction which will still be easily accessible after the construction work is finished (in case settling makes it necessary to readjust the tension).
6. Move the seal insert over the carrier pipe (or fold it around if you are using the split version) – do not disassemble – and insert it into the annulus completely.
7. Tighten all screws crosswise at the same speed and in multiple steps until the seal insert fills the annulus and accordingly lies against the internal and external wall.
8. Evenly tighten the screws with the required specified torque (see table below) with a torque screw.
9. Check the torque after about 2 hours (or after about 48 hours for a pressure-tight seal) and adjust it if necessary (due to settling).

| Stud-bolt | Screw size | Torque |
|-----------|------------|--------|
| M5        | 8          | 3 Nm   |
| M6        | 10         | 8 Nm   |
| M8        | 13         | 12 Nm  |
| M10       | 17         | 25 Nm  |

Seal ring: EPDM +/- Shore 50 A  
Pressure elements: Stainless steel  
Bolts/nuts: Stainless steel