

DDL® Lu-SW

Installation guide for building entry Lu-SW against pressing water

- Clean the internal wall of the core-drilled hole / wall sleeve / cable conduit in the installation area of the seal insert.
- Make sure the carrier pipe is located centrally.
- Make sure that the seal insert (side of the screw head!) is installed from the side of the construction that will still be easily accessible after the construction work is finished (in case settling makes it necessary to readjust the tension).
- Open the seal insert at the separation area (do not disassemble), place it around the carrier pipe and insert the closed seal insert into the annulus completely.
- Tighten all screws clockwise at the same speed and in multiple steps (not in a crosswise sequence!) until the seal insert fills the annulus and accordingly lies against the internal and external wall.
- Evenly tighten the screws with the required specified torque (see table below) clockwise with a torque wrench.
- 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).

Core-drilled hole wall sleeve ID [mm]	Carrier pipe OD [mm]	Seal ring OD [mm]	Seal ring ID [mm]	Screws galvanized/ stainless steel [pcs. / type]	Torque [Nm]
80	32	79	33	4 x M8 / hexagon	15
80	40	79	41	5 x M8 / Allen	15
100	32	99	33	4 x M8 / hexagon	15
100	40	99	41	4 x M8 / hexagon	15
100	50	99	51	6 x M8 / hexagon	15
100	63	99	64	6 x M8 / Allen	15

Seal ring: EPDM +/- 50 Shore A
Pressure elements: polyamide, glass fiber reinforced
Screws: galvanized or stainless steel V4A / AISI 316 Ti
(hexagon screw size 13 mm / Allen screw size 6 mm)

The purchaser of the DDL seal inserts is responsible for its suitability for use and for all damages (immediate or consequential) resulting from improper installation.