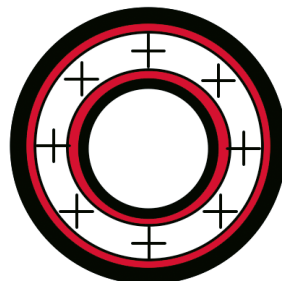


# DDL® Pipe-Seal Senso®

## Installation guide for compact seal insert against pressing water

- Clean the internal walls 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 and clean it.
- 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.
- The internal walls of core-drilled holes can be coated with DDL Concrete Finish before the installation of the seal insert.
- Make sure that the seal insert (the side of the nuts) is installed from the side of the construction that will still be easily accessible after the construction is finished (in case settling makes it necessary to readjust the tension).
- Insert the closed seal insert completely into the annular space (moistening the elastomer parts and/or the internal and external walls, e.g. with a mix of water and dishwashing liquid, facilitates the assembly – **NO LUBRICANTS!**).
- 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.
- Tighten the screws clockwise or anti-clockwise with the required specified torque using the torque wrench. Tighten them evenly in multiple steps until a tightening torque of 2 Nm is reached OR until the red elastomer material evenly fills the annular gap between the flanges and the carrier pipe or the core drilled-hole (cable conduit) -> forming of a bulge.



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.