

Sewer inspection shafts with double bottom



**Double bottom of shafts
with polyurethane filling
for greater resistance to
hydrostatic pressure.**

**The shafts are suitable for
up to 5 m of groundwater.**

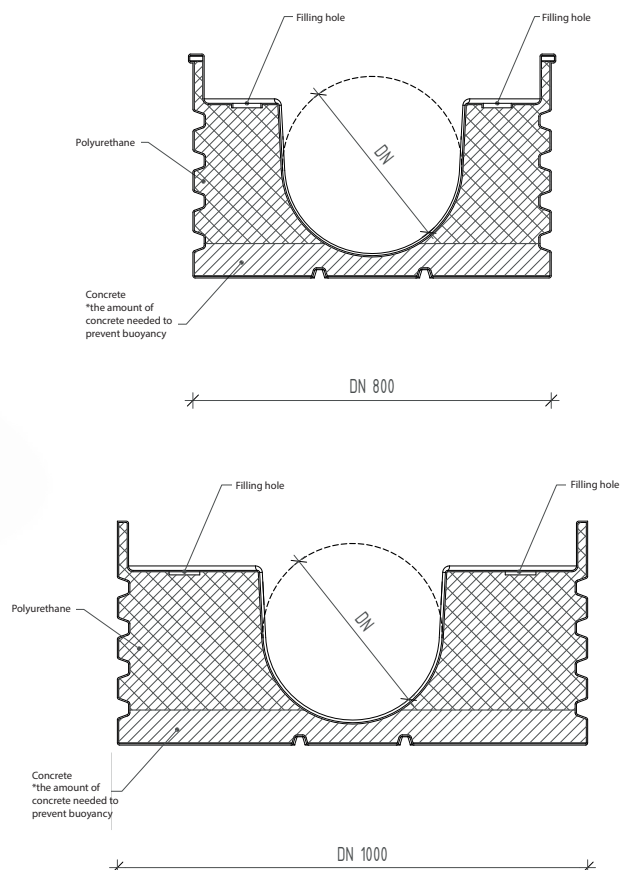
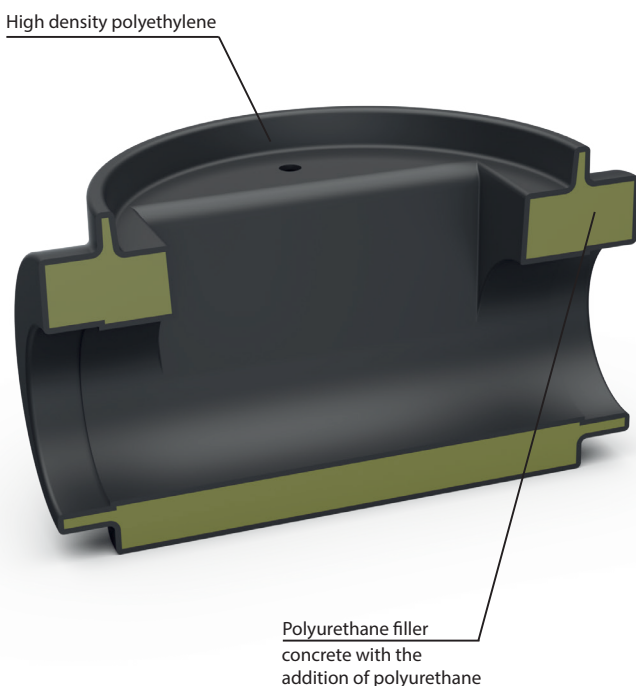


Advantages of double bottom shafts:

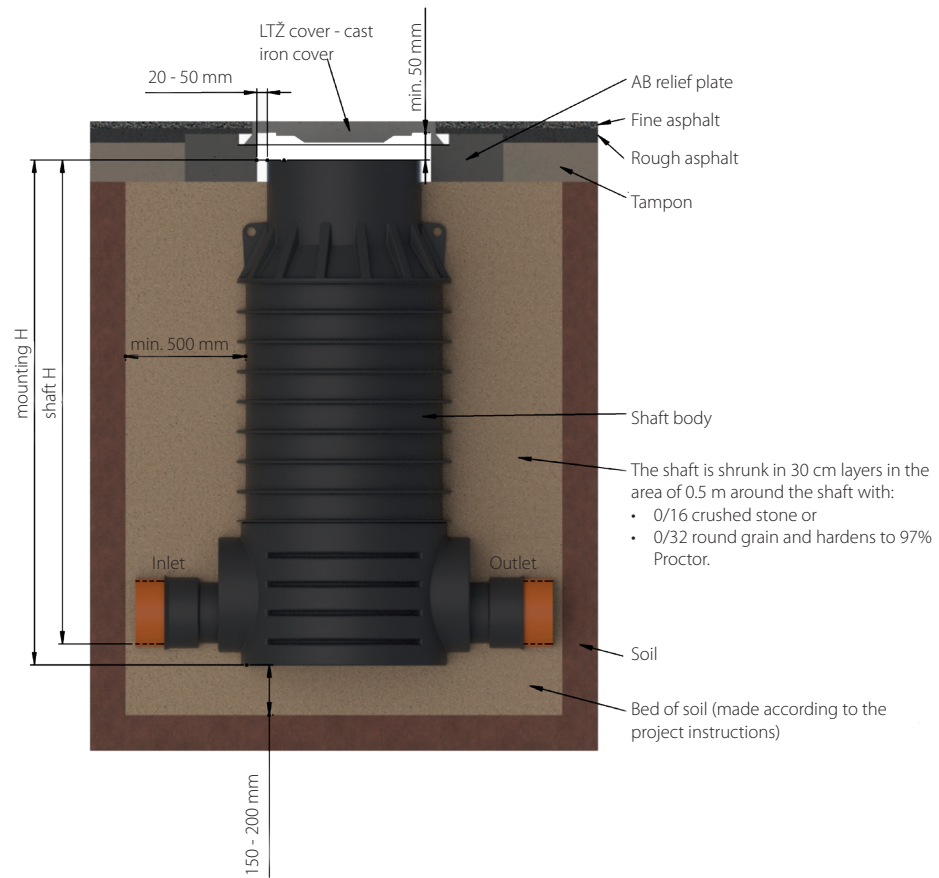
- The bottom of the shafts with double wall (outer bottom wall of the shafts and inner wall - troughs).
- Outer bottom wall prevents deformation of the troughs of the shaft.
- Intermediate space between the outer wall of the bottom of the shafts and the trough is filled with polyurethane foam.
- Polyurethane foam essentially increases the resistance of the bottom to hydrostatic pressure and thus prevent deformation of the trough.
- **Upon request, the space between the outer wall of the bottom of the shaft and the kinet can be partially filled with concrete** (according to the request from the project and with the addition of the hydrostatic calculation that we provide for this type of PE shaft).
- **Installation of shafts is possible as standard up to a depth of 6 m in areas with high groundwater (up to max. 5 m).**
- **Great stability when placing shafts in a construction pit because of the flat bottom of the shafts.**
- **A simple subtype and consolidating of the shafts with backfill material due to the flat design of the bottom.**
- The combination of inlet connections easily adapts to the needs of the project.
- **Possibility of making additional connections to the bottom of the shafts.**
- The shaft trough is perfectly smooth and dimensionally-adjusted to inlet-outlet connections.

The body of the inspection shafts can be made of reinforced rotoliv rings or of ribbed PE / PP pipes (SN 4 or SN 8).

5G shaft bottom cross section



INSTALLATION OF 5G INSPECTION SHAFT IN ROADS



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