POLYLOK™ Inc.
Innovations in Precast, Drainage & Wastewater Products
Zabel® A Division of Polylok Inc.

Polylok Sump Installation Guide:

1. Inspect all materials supplied by Polylok/Zabel to ensure there are no damages due to shipping or shortages prior to installation.

2. Excavate a hole for the basin large enough to accommodate the basin, underground piping, backfill material, and adequate working space. Take care to line the sump inlet/outlet connections as required for connection.

3. Prepare the bottom of the excavated hole with 150mm of suitable backfill material or concrete pad. Check the hole base to make sure it's level and smooth and always ensure there are no sharp pointed stones to damage the sump.

4. Install the basin on a gravel base or concrete pad, and anchor if necessary.
NOTE: In areas of high ground water an anchor may be required to stabilize the basin and prevent movement.

5. Concrete may be poured around the basin bottom if ballast is required to accommodate a buoyancy condition.
(SEE NOTE ABOVE)

6. Backfill completely around the sump. Compact backfill material in 300mm lifts, stopping to install piping as required.

Backfill Material Guidance:

Gravel or stone to be free flowing naturally rounded aggregate with a particle size of not less than 3/8 inch or larger than 3/4 inch in diameter. In poor ground conditions or trafficked area installations consult your engineer for the correct backfill material details to best suit your site. **NOTE: Reinforcement may be necessary**.

CAUTION:
The burial depth is must not be greater than the sump height.

In freezing conditions, backfill material must be dry and free of ice. Do not use backfill materials such as site materials.

Warranty will be voided if the above procedures are not followed. Where a pedestrian-rated cover is provided only install the sump is a pedestrian area.