



## SOLUTIONS FOR PENETRATIONS: ZEMENTOL BGE pump pit

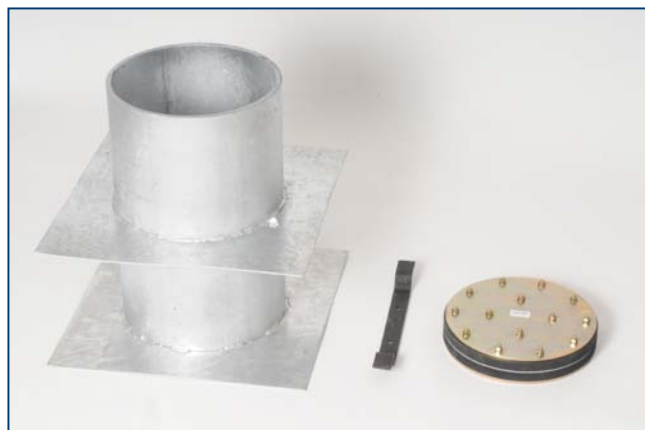


### Description:

- The ZEMENTOL BGE has been developed to ensure the safe evacuation of water when the pump pits have to be placed within the excavation pit or the slab.
- When used as an auto-waterproofing component, the ZEMENTOL BGE can be encased directly in the waterproof concrete structure. During the construction phase, a pump filter tube can be placed inside the pump pit.
- After use the ZEMENTOL BGE can be covered with concrete and will not be visible.
- The ZEMENTOL BGE 650 can be used for high-pressure water due to its stable construction. After switching off the pumps, the cover of the pump pit is closed with screws. Using its latching cover, the ZEMENTOL BGE 650 can be closed and reopened under pressurized water conditions. The ZEMENTOL BGE 650 features two flat handles on the cover, to facilitate closing.
- The ZEMENTOL BGE 300 has been developed for the use of small pumps and suction lances. It is closed using two ZEMENTOL UBD.

### Material and components:

- The pump pit tube is made out of steel.
- The cover is made out of steel with a rubber seal for the ZEMENTOL BGE 650.
- ZEMENTOL UBD is made out of zinc-plated, chromed steel rings with EPDM-joints for the ZEMENTOL BGE 300.



### Size:

product type	internal diameter (in mm)
ZEMENTOL BGE 300	300
ZEMENTOL BGE 650	650

### Installation:

- The ZEMENTOL BGE is cast-in with the flange placed at least 15cm from the edges of the structures and completely embedded in concrete.
- If the ZEMENTOL BGE needs to be invisible after the end of the pumping activities, it is placed 25cm under the upper edge of the structure. To ensure the flange is embedded with at least 15cm of concrete, the slab needs to be reinforced in this zone.
- The cover is closed by latching and tightening the screws.