

Pump & buffertanks

EKOTEK NETWORK offers a complete and certified range of concrete waterproof pump and buffer tanks.

The pump and buffering tanks are high quality reinforced monolithically prefabricated concrete tanks with a strength class of C60/75, meeting the environmental classes XA3 and EA3. Due to the high quality of the applied materials, the EKOTEK pump and buffering tanks have a very long lifetime.

Depending on the application, 5 different diameters can be chosen:

- > Ø800 mm
- > Ø1200 mm
- > Ø1500 mm
- > Ø2000 mm
- > Ø2500 mm

Because of the possibility of having different heights, volumes of 900 up to 13000 L can be realized. The cover (flat covering plate or cone) and the lining are connected together with a watertight rubber sealing.

All pump and buffering tanks meet the PTV 114 requirement. Because of the use of HSR-cement, the chemical resistance is raised both on the inside as on the outside. If the tank is used to buffer or to pump corrosive industrial waste water, the tanks can optionally be foreseen with an internal HDPE LINING (T-grip 3mm).

The casing and the cover are available in the traffic class B125kN and D400kN. The big advantage is that in the work no extra measures are necessary to guarantee sufficient stability such as installing an extra cover plate or strengthening the wall and floor. Depending on the application feed-through openings can be made with a diameter of DN50 up to DN400, optionally foreseen with connectors to guarantee waterproof connection.

**Built in concrete.
Focused on water.**

types

Diameter 800 mm

Useful height of +/- 1.000 mm with a cover plate and one manhole included. Both available in class B125kN as D400kN.

Diameter 1.200 mm

Useful height of +/- 1.000 mm up to +/- 1.800 mm with a cover plate or shaft cone and one manhole included. Both available in class B125kN as D400kN.

Diameter 1.500 mm

Useful height of +/- 1.200 up to +/- 2.200 mm with a cover plate or shaft cone and one or two manhole(s) included. Both available in class B125kN as D400kN.

Diameter 2.000 mm

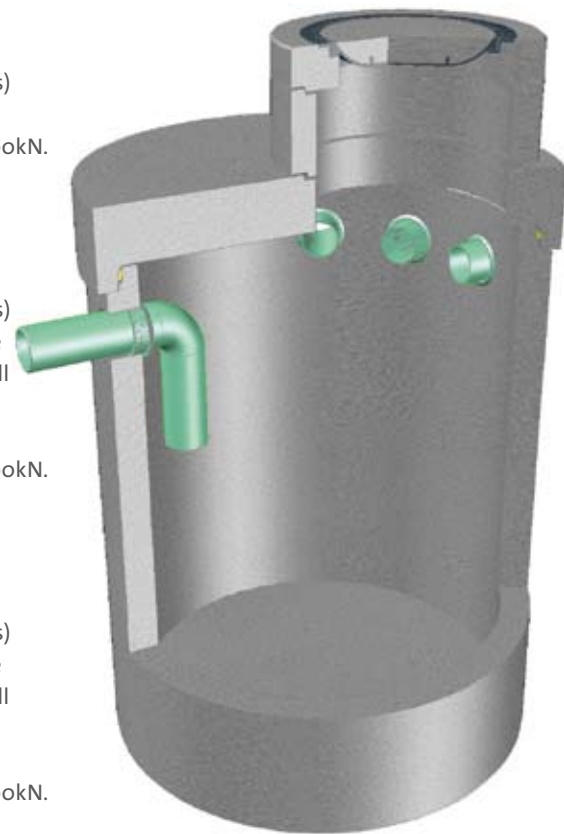
Useful height of +/- 1.200 up to +/- 2.500 mm with a cover plate or shaft cone and one or two manhole(s) included. If wanted, it is also possible to place a transition plate on this well to be able to elongate with shafts of diameter 1000. Both available in class B125kN as D400kN.

Diameter 2.500 mm

Useful height of +/- 1.200 up to +/- 2.600 mm with a cover plate or shaft cone and one or two manhole(s) included. If wanted, it is also possible to place a transition plate on this well to be able to elongate with shafts of diameter 1000. Both available in class B125kN as D400kN.

options

- > additional attachments
- > washers
- > shafts
- > traffic covers
- > lining of the internal wall with HDPE T-grip
- > cells
- > bores
- > connectors for pipe connection
- > made to measure construction, etc.



The entire EKOTEK NETWORK team is ready to accompany you to find the most appropriate solution. Besides the standardized range, a tailor made solution is always available if you would not be able to find something in our standard product range.