

Drinking water treatment plant

Essen, Germany



Type of building:
Drinking water tank

Distributor:
Elvermann Schaltechnik, Dorsten-Lembeck
www.elvermann.de

Completion:
2011

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The internal walls of the water storage tank were lined with the Zemdrain® CPF liner. The use of Zemdrain® increases the service life of the concrete surface.

Wassergewinnung Essen GmbH has extended its existing water treatment plant (WAA II) into which has been integrated a clean water storage tank with 15,000 m³ capacity.

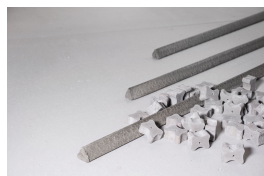
There are particularly stringent requirements imposed on building products used in the drinking water sector. In the "WAA II" project, the interior walls of the water reservoir have been lined with Zemdrain® CPF liner. Zemdrain® makes the concrete surface more resistant and prevents the growth of microorganisms. Spacers and distance tubes as well as Tubbox® column formers were supplied in addition to Zemdrain®.

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Products used:



Fibre concrete spacers



Fibre concrete distance tubes



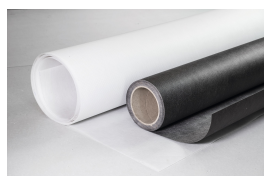
Fibre concrete sealing cones



Stay-in-place formwork for working joints Stremaform®



Column formers Tubbox® - blowhole-free finish



CPF liner Zemdrain®



Continuity strip Stabox®



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