



New waterworks, Dörenthe

Data and facts

Company	PORR Spezialtiefbau GmbH
Type	Sealing slabs, Planning
Runtime	10.2020 - 11.2020
Principal	Wasserversorgungsverband Tecklenburger Land

[Project report online](#)

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Soft-gel grout blanket for trough construction pit

Eco-friendly injection method preserves groundwater resources

The high groundwater levels required a 5-metre-deep trough construction pit with sheet piling and a watertight bottom for the foundation of the groundwater treatment plant, which includes a 1,200-m³ clean water tank. As with every project, the special civil engineering experts at Stump-Franki were committed to using a sustainable and environmentally friendly injection method. Stump-Silitight 69 was developed in house and is based on a groundwater-compatible composition that minimises the need for cement. Stump-Franki has general type certification for this method from the Deutsches Institut für Bautechnik (German Institute for Building Technology, DiBt). A team from PORR Spezialtiefbau Planung GmbH drew up the injection plan.

Impressions



Image notes

1

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Safe waterproofing with a proven and environmentally friendly injection method.

2

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Compact site equipment for the production of a soft gel injection base.

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

PORR AG Group Communications

Absberggasse 47

1100 Wien

T +43 50 626-0

E-Mail: comms@porr-group.com