



LUV & LEE housing development, Berlin

Data and facts

Company	Stump-Frankl Spezialtiefbau GmbH
Type	Turnkey construction pits, Sealing slabs
Runtime	02.2022 - 06.2022
Principal	Falkowski Gruppe, Luckau

[Project report online](#)

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A pair of columns is formed each time the mixing tool is lowered and then raised again. The columns overlap to create a continuous soil mix wall.

Jet grouted floor slab for horizontal sealing

As the groundwater level was located above the floor of the pit, a low-lying sealing slab had to be constructed using the jet grouting method. The soil mix wall bonds with the sealing slab and seals the construction pit off from the surrounding groundwater. Patrick Günther, the Stump-Franki Regional Manager for Region East, knows what the key to success is for specialist civil engineering in Berlin: “As a well-established company, we know our strengths: economical and punctual execution from a single source, consideration of local residents through the use of low-noise and low-vibration methods, and safe working conditions even in confined spaces.”

Impressions



Image notes

1

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Stump-Franki Region East was awarded the contract for creating the trough construction pit, including the jet-grouted sealing base, excavation, and clean layer.

2

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A low-lying sealing slab had to be constructed using the jet grouting method. It prevents the groundwater from penetrating.

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

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