



# Embankment wall of the Leine Canal, Göttingen

## Data and facts

<b>Company</b>	PORR Spezialtiefbau GmbH
<b>Type</b>	Rehabilitation
<b>Runtime</b>	09.2021 - 02.2022
<b>Principal</b>	RST Rohrleitungs-, Straßen- und Tiefbau GmbH

[Project report online](#)

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# Embankment wall of the Leine Canal gets a makeover

## Knowledge of materials and care are required

The rehabilitation of historic masonry requires a sure instinct and precise knowledge of materials. Masonry injections with special mortar are state of the art to prevent capillary rising damp and sponge infestation and to give the wall more stability from the inside. The structure is often additionally reinforced with masonry pins.

## Joint renovation with dry spraying methods

Various renovation techniques were also used in Göttingen. The surfaces were repointed using the dry grouting method and then cleaned by sandblasting. 5,000 kg of injection mortar was injected into the cavities and 57 masonry needles were inserted. The final step was the rehabilitation of the wall crown. The wall was topped with 22 m<sup>3</sup> of concrete cover with 2.5 tonnes of steel rod reinforcement.

## Impressions



## Image notes

1

### Embankment wall of the Leine Canal, Göttingen

The bank wall of the Leine Canal is rejuvenated.

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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