



# VIDO, Frankfurt am Main

## Data and facts

Company	PORR Spezialtiefbau GmbH
Type	Turnkey construction pits
Runtime	01.2020 - 05.2022
Principal	BST Becker Sanierungstechnik GmbH

Project report online

[www.porr-group.com](http://www.porr-group.com)





# Manufacture of a bored pile wall and sheet-pile walls

To secure the construction pit, a water barrier comprising 6,300m<sup>2</sup> of steel sheet-pile walls was anchored by girth rigging with temporary wire anchors. Owing to the varying static sections of the project, several different sheet-pile wall profiles were used. This resulted in a significant economic advantage for the client. Half of the excavation pit was enclosed with overlapping bored pile walls and braced with steel stanchions against abutment piles to protect neighbouring buildings.

## Execution just in time

Our specialist civil engineering team was able to bring all their expertise to bear to ensure the economical and timely completion of the construction pit. Optimizing the shoring line reduced both the area of the sheet pile walls and the construction time. As the different construction pits had to be manufactured independently, the client relied heavily on our consistently reliable execution scheduling.

## Impressions



## Image notes

1

VIDO, Frankfurt a. M.

PORR Spezialtiefbau was commissioned with the complete foundation engineering for a complex excavation pit for a new residential neighbourhood in Frankfurt-Rödelheim.

2

VIDO, Frankfurt a. M.

Optimising the shoring line reduced the sheet piling areas and saved construction time.

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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