



Münzviertel residential district, Hamburg

Data and facts

Company	PORR Spezialtiefbau GmbH
Type	Turnkey construction pits, Foundations
Runtime	03.2020 - 08.2022
Principal	Nord Project GBI and Stiftung Azubiwerk

[Project report online](#)

www.porr-group.com



Construction pit and pile foundations for four buildings in the new development

Existing buildings were secured with tangential and back-anchored bored pile walls. The southern part of the site was conceived as a trough construction pit. We made the specific proposal to execute the sealing walls as inserted sheet pile walls. Where particularly high loads were generated by adjacent buildings, an additional 1,600m² of in-situ concrete diaphragm wall in thicknesses of up to 80cm was installed. Finally, the construction pit walls were securely anchored with grouted anchors.

Economically sound and environmentally friendly pile foundations

During the excavation process, the construction site team uncovered remnants of old foundations and numerous old piles. As these piles were to remain in the soil, the plans produced by Spezialtiefbau Planung GmbH had to be constantly updated. We were able to install the new Atlas piles in between the old piles.

Impressions



Image notes

1

Münzviertel residential district, Hamburg

We carried out the cut-off walls with inserted sheet pile walls as a special proposal.

2

Münzviertel residential district, Hamburg

Environmentally friendly pile foundation: New atlas piles were constructed between existing old piles.

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