



Continental AG, Hannover

Data and facts

Company	PORR Spezialtiefbau GmbH
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Type	Turnkey construction pits
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Runtime	07.2018 - 03.2019
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Principal	Continental AG, Hannover
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[Project report online](#)

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Two construction pits for the new Conti corporate headquarters

Economical and secure on every terrain

The soil conditions in Hanover are typical of the area: the topsoil layer reaches a thickness of up to one metre and is followed by layers of Quaternary sand and gravel up to a thickness of 16-24 metres. Underlying the sands is the Hanoverian cretaceous series. The upper edge of the cretaceous series is between 17 and 25 metres below ground level and forms a natural dam. The challenging soil conditions did not stop the specialist foundation engineering team from keeping its promise to the customer: economical and secure on every terrain.

Services

- approx. 12,500m² sealing wall with set-in-place prefabricated concrete elements
- 214 anchors with 2 to 3 strands, approx. 10 to 15 metres; single layer
- 380m² sheet piling
- 185m² underwater concrete, 2m thick
- 23,000m³ soil excavated and disposed of/reused
- 32 partial displacement bored piles (PDP), d = 62cm

Impressions



Image notes

1

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Special civil engineering was commissioned in a joint venture with the construction of two construction pits for the headquarters of the technology company Continental.

2

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View of the southern construction site in Hanover. Two diaphragm wall grabs are in use.

3

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Visualisation of the company headquarters. A 71 metre long pedestrian bridge over Hans-Böckler-Allee connects the buildings.

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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