



Research & Innovation Centre building, Munich

Data and facts

Company	PORR Spezialtiefbau GmbH
Type	Turnkey construction pits
Runtime	05.2021 - 09.2021
Principal	BMW Group

[Project report online](#)

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Lean and green: a sustainable construction pit enclosure in Munich

In addition, 630m² of secant anchored bored pile wall and 200m² of contiguous pile wall with jetcrete infill were constructed in those areas where this was structurally necessary. A total of 1,200m of temporary grouted anchors secured the construction pit and a closed dewatering system prevented groundwater from seeping in.

Lean construction management ensured optimised processes

The highly efficient lean construction project management tool is appreciated by all departments. The trades involved in producing the construction pit for the building on the grounds of the FIZ and the client benefited from a transparent overview of the processes. The individual work steps for each day were scheduled at the joint weekly meetings. Everyone knew which activities were planned for what times, and when which trade had to be present on the construction site. This facilitated a timely handover of the construction pit.

Impressions



Image notes

1

Building Research & Innovation Centre FIZ, Munich

The construction pit for the new FIZ research and innovation centre building is a prime example of an ecological and economical construction pit.

2

Building Research & Innovation Centre FIZ, Munich

The excavation pit enclosure consists of a soil mixing wall with set steel profiles and back anchoring.

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