



Erdinger Ringschluss: Extension of the railway tunnel at Munich Airport

Data and facts

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| Company | Arge PORR GmbH & Co. KGaA / PORR Bau GmbH |
| Type | Rail and road tunnels |
| Runtime | 01.2018 - 06.2021 |
| Principal | Flughafen München GmbH |

[Project report online](#)

A vital public transport link for the north of Munich

Watch our project video* :

- [PORR Germany . Erdinger Ringschluss: Extension of the railway tunnel at Munich Airport](#)
on Vimeo

Some 50,000m² of diaphragm walls, 80cm to 100cm wide and up to 20m deep, were constructed for the excavation pit. Underwater concrete floor slabs with a thickness of 1.40m were laid in the 18 excavation docks of the tunnel to seal off the bottom of the construction pit. A total of 8,000m² of sheet piling had to be constructed to secure the construction pit for the 306m-long ramp.

The exceptionally tight schedule posed a particular challenge for all the PORR companies involved. First of all, around 250m of tunnel was built in the eastern runway area of the satellite terminal. Starting from the date the runway was closed, only nine months of construction time were available to build the tunnel and completely reopen the runway. The cross-company cooperation with PORR Spezialtiefbau, the Pile Driving department and the Dewatering department has once again resulted in a virtually defect-free precision landing in this technically very challenging project.

[To the PORR Video Neubau des S-Bahntunnels "Erdinger Ringschluss" am Münchner Flughafen](#)

(*video platform Vimeo)

Impressions



Image notes

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Efficient supplement to rail traffic in the Munich area.

After completion, the planned suburban railway tunnel will be supplemented by an above-ground line including parking and turning facilities.

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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