



Koblenz Horchheimer Tunnel

Data and facts

Company PORR GmbH & Co. KGaA . Tunnel construction

Type Tunneling

Runtime 08.2021 - 05.2023

Principal DB Netz AG

[Project report online](#)

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Renovation of a 100-year-old railway tunnel

The 582m-long Horschheimer Tunnel was first opened to rail traffic in 1902. The single-track railway between the Koblenz Pfaffendorf and Koblenz Horschheimer Brücke branches has run through the tunnel ever since. Environmental factors such as mountain water finally meant that after 115 years in operation, the tunnel reached the end of its working life. As a result, a complete refurbishment was called for.

In the process, the Horschheimer Tunnel is being furnished with a new concrete base to protect against the pressure of mountain water. The old brickwork and the cliff face itself are being broken away in sections. Owing to the overroofing of the tunnel (expansion of the space above the tunnel roof), both tunnel entrances and the retaining wall to the south need to be demolished and reconstructed.

A focus on the environment and nature conservation

The employer emphasised the importance of environmental protection and nature conservation in the context of the project. Where the planned construction works cannot avoid impacting the natural environment, compensatory works are to be carried out. In the early stages, precautions were taken to protect the lizards of the area. Works designed to protect local bat populations were also undertaken before the main project got underway.

Impressions



Image notes

1

Horschheimer Tunnel, Koblenz

The Horschheim Tunnel, which went into operation in 1902, is being completely renovated (May 2016).

2

Horschheimer Tunnel, Koblenz

The tunnel, which is currently 576 metres long, no longer meets today's technical requirements for railway operations (February 2018).

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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