



Vienna

Demolition of Südbahnhof Station

Data and facts

Company PORR Umwelttechnik GmbH in a consortium

Type Demolition, Special civil engineering

Runtime 01.2010 - 07.2010

Principal ÖBB-Infrastruktur BAU AG

[Project report online](#)

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Clearing the stage for a centennial project.

The enclosed space of all of the properties and their filled ground totalled around 445,000m³; the maximum height of the buildings was 23m, while the maximum depth was 7m. 20 heavy-duty demolition excavators of up to 70t worked around the clock along with numerous small machines and around 100 machine operators, experts and labourers, to ensure that the works were realised to plan and on schedule.

Priority on reducing emissions.

One special challenge on this demolition in the centre of the city was keeping the dust pollution to a minimum for the workers and neighbours. To this end, PORR used snow cannons and a water atomiser system that had already proved successful on another project. In addition, water trucks were regularly used to spray the site roads and the project area, while tyre-cleaning facilities also helped to reduce dirt. At the same time, PORR placed a high priority on using reduced-noise construction machinery and transport vehicles.

The remains of earlier railway stations that were discovered during the demolition in the area of the south and east platforms were excavated and documented by archaeologists under the direction of the National Heritage Agency before later being dismantled. In addition to the dismantling works, comprehensive asbestos abatement measures were required, along with the removal of other hazardous waste.

Impressions



Image notes

1

Demolition of Suedbahnhof Station, Vienna

Successive demolition of the building's skeleton

3

Demolition of Suedbahnhof Station, Vienna, excavators

Around 445,000m³ of enclosed space had to be removed before the new construction could begin.

2

Demolition of Suedbahnhof Station, Vienna

The massive scope of the demolition works required the use of heavy machinery.

4

Demolition of Suedbahnhof Station, Vienna, overview of construction site

An area of around 20,000m² had to be readied for construction.

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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