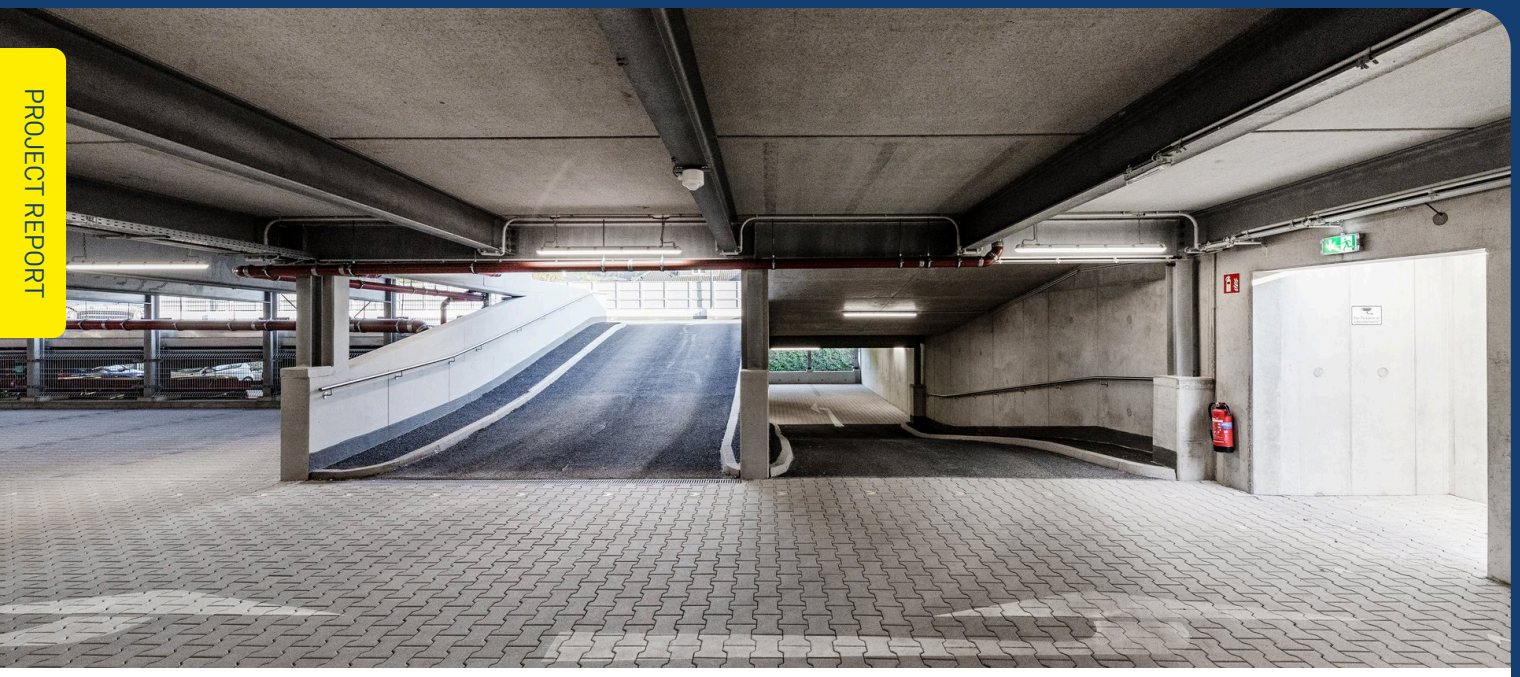
PROJECT REPORT



Hagen-Haspe
Parking garage at the Evangelical Hospital

Data and facts

Company	PORR Hochbau West GmbH
Type	Commercial building
Runtime	05.2020 - 06.2021
Principal	Ev. Stiftung Volmarstein

Project report online

www.porr.de

New parking facilities at th

Additional parking spaces for the hospital and care home

The Evangelical Hospital is situated in the Spielbrink district of Hagen, which is also known locally as ‘Mops’. The hospital has more than 300 beds and nine specialist departments and is connected to the neighbouring care home via an underground passageway. The multi-storey car park was built to meet the parking needs of patients, visitors and staff. A temporary car park was initially made available for the duration of the construction work.

Four parking levels on a sloping site

The existing topography was incorporated into the design of the multi-storey car park. Due to the gentle slope of the site, four staggered levels were created, connected by a total of six ramps. The individual parking decks are also accessed via a stairwell with a curtain-wall façade.

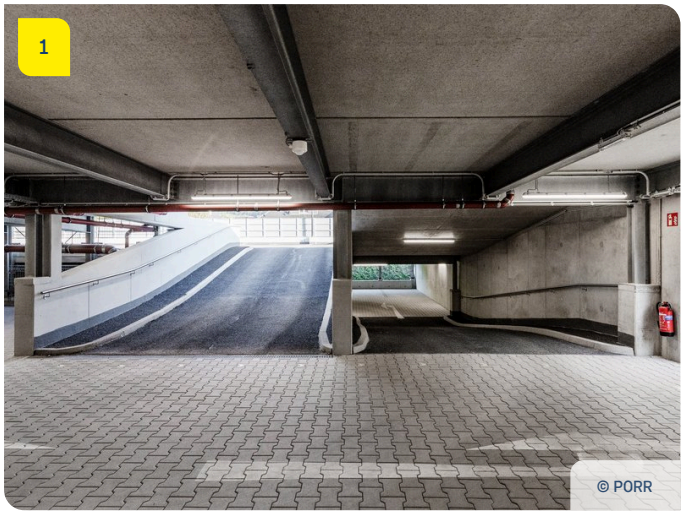
Composite steel structure and varied surfacing

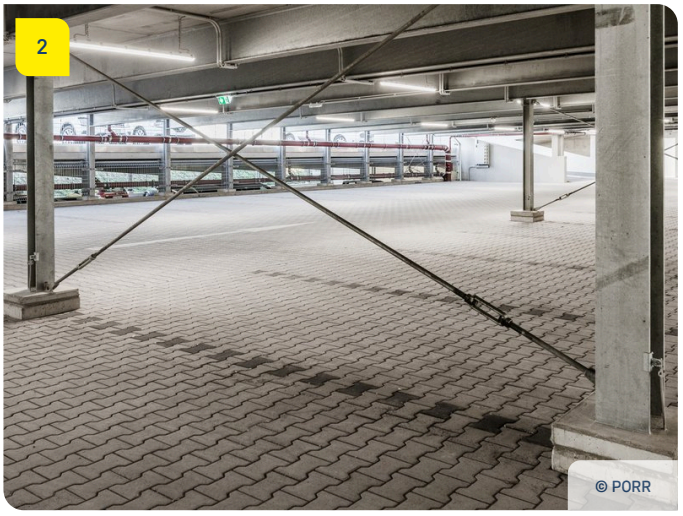
The load-bearing structure was constructed using a composite steel method. The floor slabs consist of semi-precast elements with in-situ concrete and rest on a steel structure. On the lower levels, the traffic areas were paved. The two upper levels, which are exposed to the elements, as well as the ramps, were surfaced with mastic asphalt.

More parking spaces on the existing car park site

The multi-storey car park has structurally reorganised the existing car park area and added further parking spaces. The arrangement across four staggered levels makes use of the site's existing slope. This has created additional parking facilities for the various user groups of the hospital and the neighbouring care home, without the need for a permanent additional at-grade car park elsewhere.

Impressions





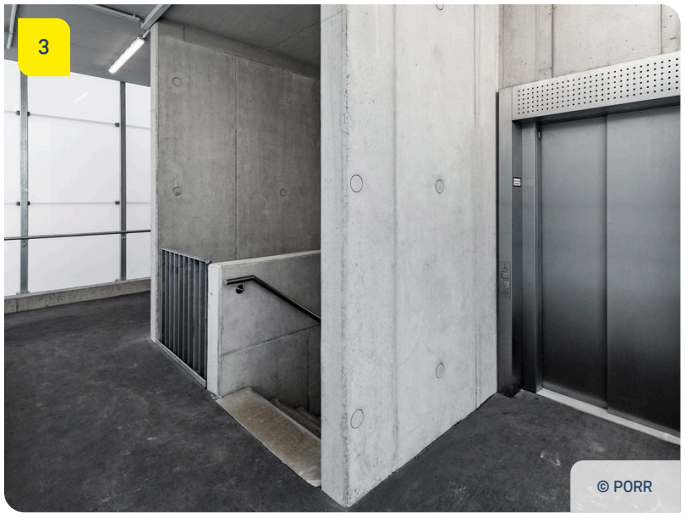


Image notes

1

Parkpalette Evangelisches Krankenhaus, Hagen-Haspe

The multi-storey car park consists of four staggered levels connected by six access ramps.

© PORR

2

Parkpalette Evangelisches Krankenhaus, Hagen-Haspe

The load-bearing structure was built using composite steel construction.

© PORR

3

Parkpalette Evangelisches Krankenhaus, Hagen-Haspe

A staircase with a suspended glass façade provides pedestrian access to the various levels of the multi-storey car park.

© PORR

4

Parkpalette Evangelisches Krankenhaus, Hagen-Haspe

The new multi-storey car park with 265 parking spaces was built on the site of the existing 3,300 m² car park at the Protestant hospital.

© PORR

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

PORR GmbH & Co. KGaA
Walter-Gropius-Straße 23
80807 Munich
T +49 89 71001-0
E-Mail: info@porr.de