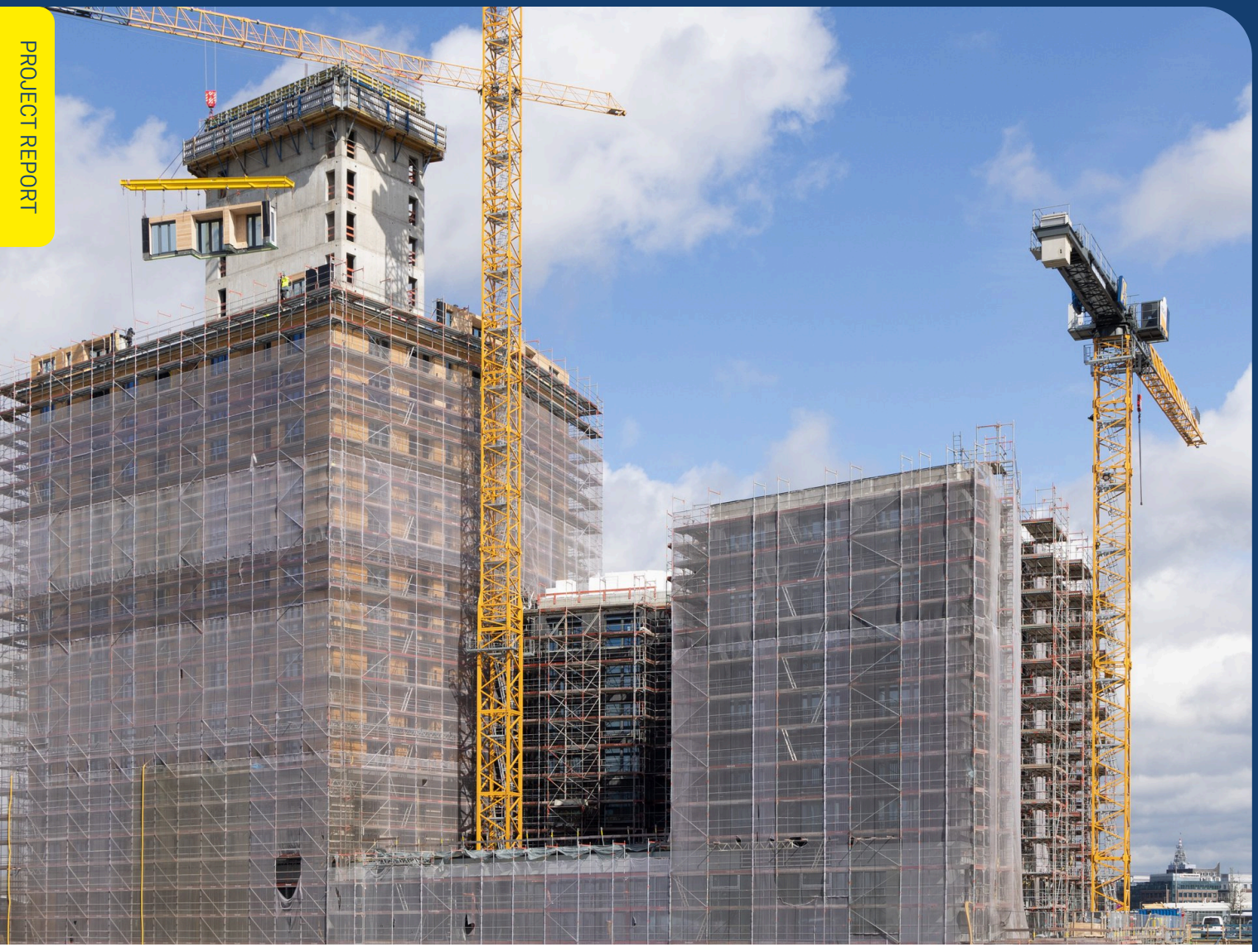
PROJECT REPORT



roots, Hamburg

Data and facts

Company	PORR Hochbau West GmbH
Type	Residential construction
Runtime	05.2021 - 12.2022
Principal	GARBE Immobilien-Projekte GmbH

Project report online

www.porr-group.com

PROJECT REPORT

PORR erstellt Rohbau für das Projekt roots

Watch our project video* :

- PORR Germany . roots, Hamburg - Climbing Germany's highest timber hybrid house

Flexible responses to changes in the construction process.

A special feature in the execution of this construction project was the crane-dependent climbing formwork. Due to on-site requirements, all three stairwells were constructed using the climbing method. This method was originally only intended for the tower area, but was also used for the cross-wing structure to optimise the construction process. Our structural engineering experts worked in parallel with the timber construction work on the façade. A prerequisite for this was a load-bearing and precisely fitting concrete structure. Special safety concepts were developed in collaboration with Doka, our work preparation department and the construction site team for the simultaneous work with the climbing formwork and the subsequent timber construction below the concrete structure.

(*video platform Vimeo)

Impressions

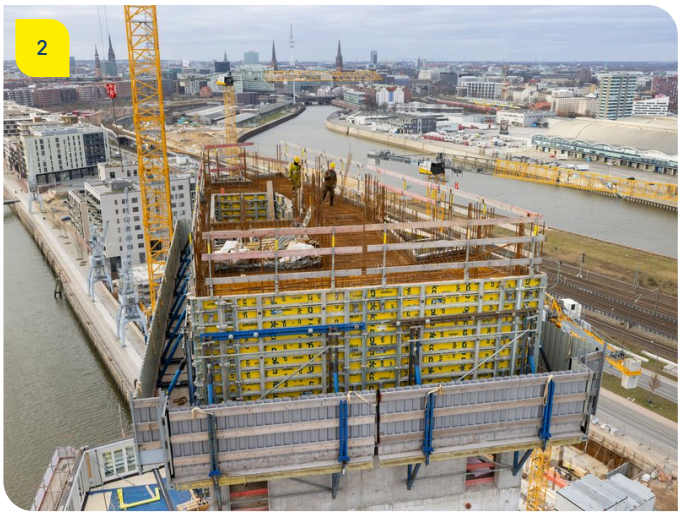


Image notes

1

roots, Hamburg

The extraordinary construction project of the project developer, GARBE Immobilien-Projekte GmbH, was realised with 19 floors and a height of approx. 65 m.

2

roots, Hamburg

The fall protection was increased and a trapezoidal sheet metal was attached on the outside so that no materials can fall down and the timber construction team can work underneath.

3

roots, Hamburg

The special feature of the structure: it is a combination of conventional reinforced concrete construction and a timber frame.

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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