



# The H7 hybrid timber building on Münster's central harbour

## Data and facts

Company	PORR Hochbau West GmbH
Type	Office buildings
Runtime	01.2015 - 11.2016
Principal	SESRAD Immobilien GmbH & Co. KG

[Project report online](#)

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# Sustainability takes first place

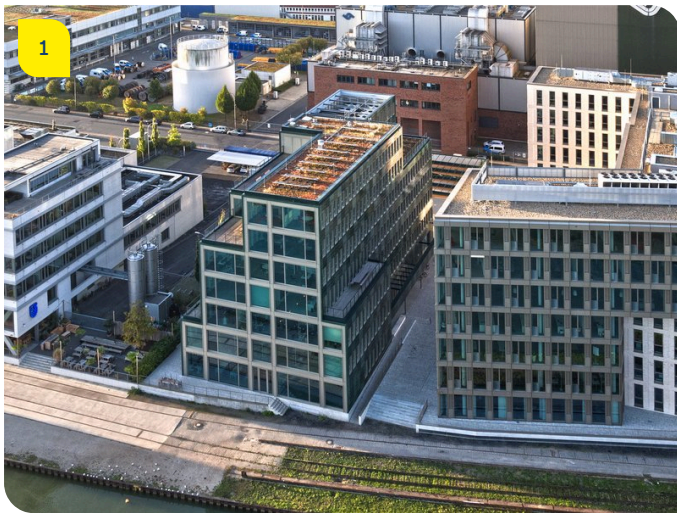
During the construction process alone, the decision to source timber from sustainable forestry reduced CO<sub>2</sub> emissions by approximately 626t.

The underground parking area, the ground floor of the building and the reinforced central core are all made from reinforced concrete. The six complete upper floors feature a visible timber construction with laminated timber columns and wood-cement composite ceilings. These warm materials serve to create a cosy, home-like atmosphere. Spacious terrace areas on every floor provide room for relaxation. The design of the external façade is also unusual. The building is clad with green-glazed ceramic tiles, visually reinforcing the building's connection to nature.

## A timber construction with improved fire protection

It is becoming more widely recognised that a timber construction does not necessarily mean increased risk of fire. Wood burns slowly from outside to inside, so the progress of a fire is much more predictable than in a steel construction. At the time the H7 was being constructed, North Rhine-Westphalian building regulations permitted a maximum of four complete floors to be constructed in timber. A sophisticated fire protection concept was submitted, together with evidence of fire-protection features in the construction, and the construction authority subsequently issued a special exemption for the H7 project.

## Impressions



## Image notes

1

Holz-Hybridhaus H7 am Mittelhafen, Münster

Climate-friendly construction: the H7 timber hybrid building at Münster's central harbor.

2

Wooden hybrid house H7 at the central harbor, Münster.

The underground parking garage, first floor and reinforced central core were all constructed in reinforced concrete.

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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