PROJECT REPORT

Essen
Manfredstrasse

Data and facts

Company	PORR Hochbau West GmbH
Type	Residential construction
Runtime	01.2021 - 09.2023
Principal	VIVAWEST GmbH

Project report online

www.porr.de

Housing development in Essen-Rüttenscheid

A range of flat sizes across six buildings

The flats comprise between two and five rooms and have living areas ranging from around 50 to 120 m². A shared basement connects the buildings and provides 168 car parking spaces as well as four bicycle storage areas. The site also includes a section of woodland, which was preserved as part of the project and has been made accessible via a new entrance.

Building standards and noise protection

The six residential buildings were constructed to the KfW Efficiency House 55 standard. The building design also includes extensive green roofs. The proximity to the A52 motorway placed particular demands on noise protection. Two green noise barriers were erected to shield against traffic noise. The relevant noise protection requirements were also taken into account during the construction of the residential buildings.

Prefabricated elements in the construction process

During construction, prefabricated components and large-format sand-lime brick flat elements were used for the masonry walls. The construction processes and material deliveries were coordinated to accommodate the use of these components. During the construction phase, suspected sites of unexploded ordnance on the site also had to be taken into account.

Living between the town and the existing woodland

A distinctive feature of the project is the integration of the residential development with the existing green spaces. The section of woodland belonging to the site was preserved and made accessible via a new entrance. Together with the six residential buildings and the green noise barriers, it defines the spatial context of the new residential area in Rüttenscheid.

Impressions

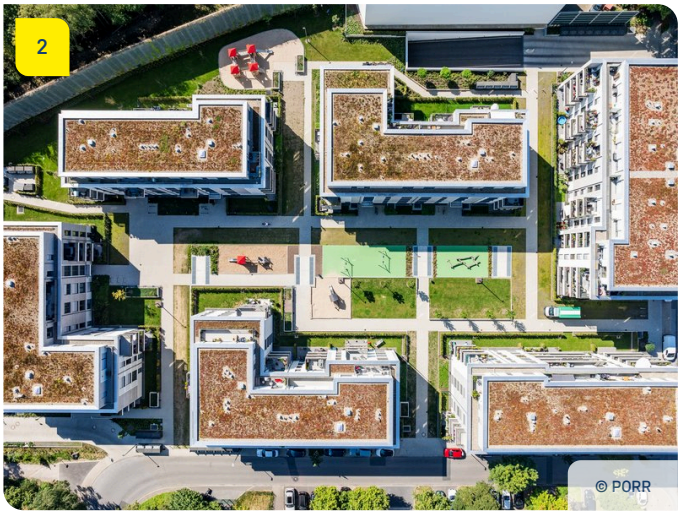

Image notes

1

Manfredstraße, Essen

Essen-Rüttenscheid is one of the most sought-after neighbourhoods in Essen.

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Manfredstraße, Essen

The apartments in the six modern buildings range from 2- to 5-room apartments with floor areas between 50 and 120 m².

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Manfredstraße, Essen

The residential project was built to be energy efficient in accordance with the KfW 55 standard.

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Manfredstraße, Essen

The residents benefit from high-quality living in a central location that has been designed to be environmentally friendly and sustainable.

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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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