



AEROHOUSE

Data and facts

Company

Type	Office buildings
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Runtime	08.2014 - 03.2015
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Principal	PBW GROUP spol. s r.o.
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[Project report online](#)

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High-quality building with a fixed framework.

For this project PORR was responsible for the execution of the structural work in reinforced concrete construction. The construction scheme included a new construction with a basement floor and six upper floors in the inner courtyard of the existing building. This new construction was built on shallow foundations on the floor slab, which rests on high-pressure soil stabilisation piles. PORR realised the construction of this basement floor as a white tank construction. Another element of the new construction is an external staircase made from exposed concrete with PB2 surface quality.

The existing property also gained a two-storey extension. The increased load necessitated reinforcement work on the basement floor structure and extensions to the staircase area.

The particular challenges of this project included not only sensitive handling of the historic structure, but also the extremely restricted space available on the construction site, which created difficulties for construction site logistics, as well as for the shunting of mobile cranes and concrete pumps.

Impressions



Image notes

1

Reinforced concrete in historic surrounds.

A solid reinforced concrete structure forms the heart of the modern AEROHOUSE in historic Prague.

2

Challenges of old buildings. Old town.

Limited space on this construction site in the traditional district of Prague's old city presented a great challenge for the PORR team.

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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