

RESIDENTIAL BUILDING EISCHBUSCHALLEE Berlin (Germany)

NEW BUILDING

Client: KW-Development GmbH, Berlin

Architects: Fuchshuber Architekten GmbH, Leipzig

Our services:

- Full structural design
- Establishing the basis
- Preliminary design
- Final design
- Approval documentation
- Execution drawings
- Preparation of contract award
- Structural fire protection

Brief description:

Construction of a new residential building with 62 flats and an underground car park with 34 parking spaces

Building

- 7-storey solid construction, reinforced concrete and brickwork, with basement
- u-shaped floor plan, length 56 m and width 38 m
- foundations as flexibly bedded base plate
- bracing using reinforced concrete slabs, masonry and reinforced concrete walls and stairwell
- slabs spanning up to 7 m
- due to varying arrangements of load-bearing elements in the other storeys, load transfer on the ground floor through highly loadable wall-like beams
- expansion joints to compensate for temperature changes as well as creep and shrinkage of the concrete on the ground floor and in the basement
- flats on the upper floors with balconies and roof terraces, and on the ground floor terraces
- flat roof, greened

Underground car park

- basement with underground car park, plant rooms and tenant storage units
- columns designed to withstand impact loads
- column grid up to 7 m
- basement floors designed as a white tank

Completion:

2022



Computeranimation



Ground plan



Section

Pictures / Illustrations: ProfessorPfeiferundPartner PartGmbH, KW-Development GmbH, Fuchshuber Architekten GmbH

■ ProfessorPfeiferundPartner PartGmbH Tragwerksplanung Bauphysik Brandschutz Gutachten
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