

Debeka Headquarters Koblenz

The Debeka Group is expanding its headquarters in Koblenz with a 17-storey office and administration building. The Z-shaped new building comprises 15 floors above ground and 2 below ground (mainly underground parking). The new building and the existing building are connected via a closed bridge.



The detailed formwork concept developed by Hünnebeck is especially adapted to the large and high rooms as well as the standard floor slabs, down to the smallest detail. A special challenge is posed by a 15 m high and 29 m wide rectangular "eye" in the new building, which creates a "magnificent visual axis". For this, three 30 m long and approx. 3.40 m high steel composite girders had to be lifted into place by special crane. But also the 7.60 m high bridge deck with its thickness of 70 cm represents a demanding formwork task. In order to be able to safely transfer these loads, Hünnebeck developed special shoring concepts. An important role here is played by the ST 60 support system, which consists of only six basic parts with a maximum weight of 15 kg, enabling simple, ergonomic handling. The load capacity of

up to 240 kN per shoring tower and the combinability with aluminium, steel and wooden beams ensure a high load-bearing capacity and safe load transfer. For efficient forming of the slab areas, the site team relies on the TOPEC beamless aluminium modular system and the TOPMAX steel-frame slab table.

Sector: Commercial construction
Client: Aachener Grundvermögen Kapitalverwaltungsgesellschaft
Project location: Koblenz
Material: ST 60, TOPEC, TOPMAX, RASTO, PROTECTO

