

FAZ Tower: With TOPMAX and TOPEC faster than planned

Frankfurt on the Main

Hünnebeck's clever slab formwork concept provided crucial time advantages in the tightly scheduled shell construction of the 60 m high FAZ Tower.

Area of expertise: Commercial

Owner: UBM Germany, Paulus Real Estate

Client: Lupp Construction

Project location: Frankfurt on the Main

Project Duration: 2019 – 2023

Base area Component 1:
23.800 m²

Base area Component 2:
15.000 m²

Material: TOPMAX, TOPEC, PROTECTO, INFRA-KIT, MANTO

A combination of the Topmax steel framed slab table for the edge areas and the Topec modular formwork for the centre was chosen for the slab construction of the standard storeys. Thanks to the sequence of slab table movements – which had been precisely elaborated in advance – it was possible to save a lot of time and quickly shutter the slab edges. In order to make use of the repetition factor of the slab geometry from level to level, the slab tables were – wherever possible – connected as a double and implemented including fitting surfaces for shuttering the supports and fall protection. The 18-storey Tower, the new home of the Frankfurt based newspaper FAZ, impresses with its unusual architecture including two slender slabs, which are rotated off axis and shifted against each other in the shape

of a double “H”. The production of the two cantilevered, rotated building sections were realized by the construction site with an anchored bracket solution of steel girders. Hünnebeck realized the construction of the temporary platform: Beams from the modular Infra-Kit system and heavy-duty frames formed the basis of the working level and had to support the weight from four cantilevered storeys.



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