

Grand Tower Frankfurt

The "Grand Tower" in Frankfurt's European district is with its 172 m the tallest residential high-rise in Germany. It has a gross floor area of 55,000 m², which is divided into a basement, three technical floors and 47 residential floors.

Due to varying floor plans, the limited space and the limited crane times, the project challenges were very high. However, Hünnebeck's well thought-out planning ensured that the project ran smoothly, economically and safely. The use of SCF (self-climbing formwork), which is precisely adapted to the geometries of the building, saved crane time because it climbs hydraulically in pace with the building, without the need for a crane. Particularly high safety was ensured by the "SAFESCREEN" wind shield, which was used for the first

time in Germany and offers not only side protection but also weather protection.

Sector: Commercial construction

Client and project developer:
gsp Städtebau GmbH

Height of the building: 172 m

Gross floor area: 55,000 m²

Number of floors: 47

Material: SAFESCREEN,
MANTO, TOPEC, TOPMAX,
SCF self-climbing formwork



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