Gustav-Heinemann Quarter

Köln

BUILDING COMMON GROUND MAX FRANK



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Type of building:

Engineers/ Specialist Planners:
Tragswerksplaner: Kempen Krause Ingenieure, Düsseldorf
www.kempenkrause.de

Building contractor:
BAM Deutschland AG, Stuttgart
www.bam-deutschland.de

Distributor:
P. Hahn GmbH & Co.KG, Frechen
www.hahn-schalung.eu

Completion:
2014

Complex reinforcement work in the area of expansion joints was avoided by use of the Egcodorn® shear force dowel in the Gustav-Heinemann Quarter.

After relocation of the BDI to Berlin in 1999, the office building from the 70s was renovated. Nevertheless, the building lost its appeal and many companies followed the trend to move offices to the city centre. The new owner from Munich therefore decided to change the whole look of the building with an attractive new shell. The aim was to create a high-quality residential area in the immediate vicinity of the Rhine with up to 130 private apartments and a gross floor area of 18,500 sqm.

Approx. 1,000 Egcodorn® WQ shear force dowels were installed in the new building. The use of the Egcodorn® shear force dowel avoids complex formwork and reinforcement work in the area of expansion joints. The unique corrosion protection system and the use of high quality materials guarantee maximum durability. The thermal separation of the balconies was achieved with around 800 Egcobox® cantilever connectors, which were optimally adapted to the building situation. These connectors reliably prevent thermal bridges.

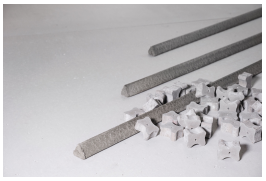
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Products used:



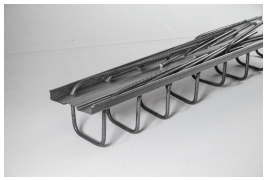
Fibre concrete spacers



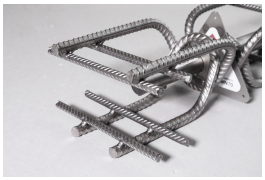
Fibre concrete distance tubes



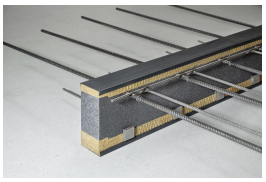
Fibre concrete sealing cones



Continuity strip Stabox®



Shear force dowel Egcodorn®



Thermal break balcony connector Egcobox®



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