

## APARTMENT BUILDING Bad Säckingen (Germany)

### NEW BUILDING

**Client:** Gerhard Faller, FI Faller Immobilien,  
Bad Säckingen

**Certified  
Inspection Engineer:** Prof. Dipl.-Ing. Matthias Pfeifer

**Our services:** Structural engineering inspection in accordance  
with regulations and standards:  
- Static calculations  
- Execution planning  
- Random monitoring of the structure  
during the building phase

**Brief description:** Construction of 6 new residential blocks with a  
total of 85 flats including a shared underground  
garage with 96 spaces

- 4- to 5- storey reinforced concrete buildings
- shared underground car park with services room  
and tenant cellar storage
- 3 oppositely situated, almost identical buildings  
of approx. 300 m<sup>2</sup> each
- footing as individual and strip foundations
- stiffening using slab plates
- slabs constructed using in-situ concrete and  
semi-precast elements
- terraced balconies
- cellar constructed as a white tank

**Architects:** Architekturbüro Rüdiger Leykum

**Structural Engineers:** FePartGmbH, Rheinfelden

**Completion:** 2018

