

OFFICE BLOCK ENERGIEDIENST AG Rheinfelden (Germany)

NEW BUILDING

Client: ED Immobilien GmbH & Co. Kgm Rheinfelden

**Certified
inspection engineer:** Prof. Dipl.-Ing. Matthias Pfeifer

Our services: Structural engineering inspection in accordance
with regulations and standards
Static calculations
Structural fire protections
Earthquake engineering
Sound insulation
Execution planning
Planning of prefabricated reinforced concrete parts
Façade planning
Random monitoring of the structures
during the building phase

Brief description: Construction of a new office building for 275 people
in an ecological manner, gold certification
according to DGNB (German Society For
Sustainable Building)
Building
- 4-storey solid construction
- strip and individual foundations
- reinforced concrete skeleton construction,
partially pre-fabricated
- flat slabs spanning up to 7.5 m
- stiffening through the ventilation and stairwell shafts
- self-supporting, oval winding inside stairs out of steel
forming a spatial Structure
- rectangular floor plan, 88 m x 24 m
Façade
- building completely glazed
- glass façade function as a post and beam construction

Architects: Nissen & Wentzlaff Architekten BSA SIAAG,
Basel (Switzerland)

Structural engineers: Kienzler und Kunzelmann, Freiburg

Completion: 2012



Pictures / Illustrations: PfeiferConsult