

LOGISTIC BUILDING PRODINGER VERPACKUNGEN Herbolzheim (Germany)

NEW BUILDING

Client: Prodinger Verpackungen, Herbolzheim

**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

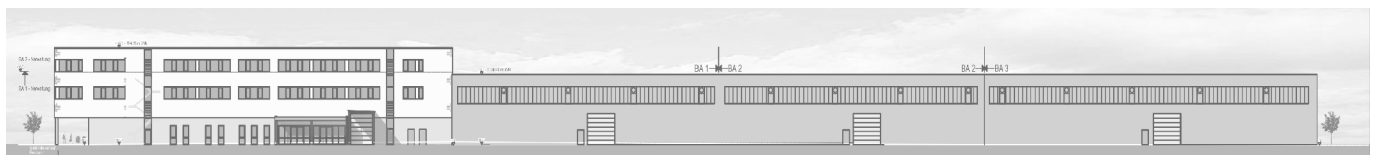
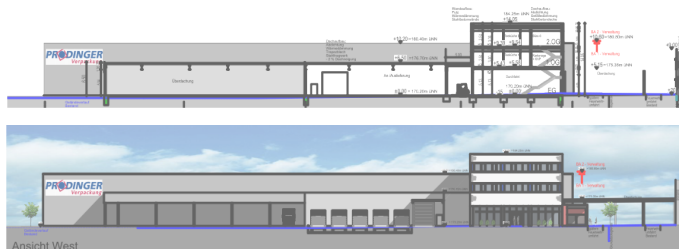
Brief description: Construction of a new industrial building with warehouse and administration wing

- 1-storey, 10 m high steel and reinforced concrete construction/warehouse 5.023 m²
- 3-storey steel and reinforced concrete building, administration building, approx. 4.000 m²
- foundations as individual foundations in the area of the warehouse, as strip foundations in the area of the administration building
- bracing via reinforced concrete supports
- slabs spanning up to 17.5 m in warehouse
- column grid 17.51 m x 12.0 m in warehouse
- column grid 6.0 m x 8.35 m on administration building
- warehouse with ridged roof
- covered delivery and external storage areas, open on one side, 1,792 m², attached to the warehouse with steel girder roof construction
- steel girders spanning up to 25 m
- bracing via solid components and steel roof and wall bracings

Architects: Freyler Industriebau GmbH, Kenzingen

Structural Engineers: Walther & Reinhardt Ing.-Gesellschaft mbH, Herbolzheim

Completion: 2017



Pictures / Illustrations: PfeiferConsult, Freyler Industriebau GmbH, Kenzingen