

New construction warehouse Comestibles Pernet, Zweisimmen

2007



Construction of a production and storage hall for the company Pernet in Zweisimmen. The execution planning and realization was carried out by the company Hector Egger in Langenthal as general contractor.

The project

For this hall, our engineering office created and optimized the structural concept. The structural concept had to be adapted in such a way that the production process of the Pernet company could be organized efficiently and smoothly. The upper floor of the hall is used as a warehouse, which means large permanent loads.

The construction method

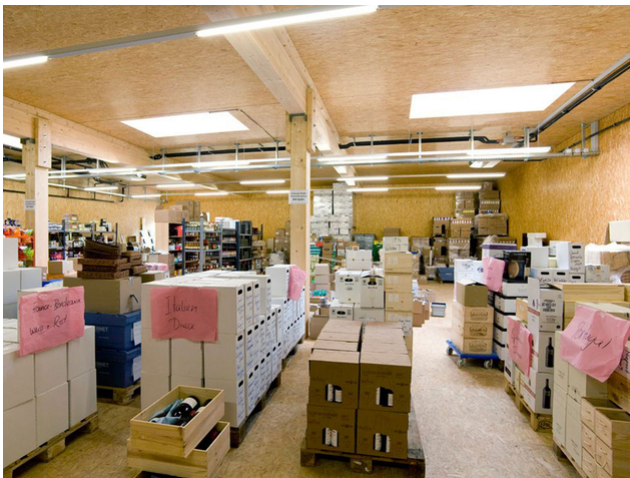
Due to these weight masses and also because of the spans of up to 7.70 m, the main supporting structure consists of steel beams up to profile size HEB 500, which transfer the loads to wooden columns. The floor elements are made of box girders. The steel beams have been integrated into the ceiling system (REI30) so that the fire protection of the steel beams can be guaranteed.



Meeting room



Detail view facade



Bearing



Production

Construction Data

- Beams Maximum span 7.7 meters
- Main structure: steel beams up to profile size HEB 500

Services of Timbatec

- Statics
- Bracing
- Fire protection for wooden components
- Details/detailed solutions
- Accompanying and consulting contractor/architect
- Construction site inspections

Timber construction contractors

Hector Egger Holzbau AG
4900 Langenthal

Timber construction engineers

Timbatec Holzbauingenieure Schweiz AG, Thun
3600 Thun

Client

Pernet Roland AG
3770 Zweisimmen

Architect

Atelier Werkidee, Matthias Trachsel
3770 Zweisimmen