New forestry yard Burgergemeinde, Biel

2006

After a prequalification, the Biel architectural office Bauzeit won the competition for the new forestry workshop of the Burgergemeinde Biel. It accommodates the prescribed space program in 2 buildings on the north side of the road.

The project

The valley-side warehouse, production and sales building was planned as a single-story skeleton structure. So that the various uses could be covered with a uniform load-bearing system, a load-bearing system was chosen as follows.

The construction method

Simple columns and single, partly double main beams in the transverse direction - rafter purlins above. The administration building was constructed as a timber frame building with visible board stack ceilings. The walls also partly consist of internally visible board stacks. Ventilated formwork was mounted on top.

Wood Award Switzerland - Prix Lignum 2009

Detail view entrance

Korridor

Construction Data
- **Administration building**
- 9 x 52 m
- 2 floors
- upper floor in timber construction
- floor area 460 m^2
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- **warehouse and production building**
- 10 x 70 m
- Height 5.3 m
- Total wood: 100 m^3
- Floor plan area 700 m^2

Timber construction**contractors**
Hector Egger Holzbau AG
4900 Langenthal

Timber construction engineers
Timbatec Holzbauingenieure Schweiz AG, Thun
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Client
Burgergemeinde
3989 Biel

Architect
Bauzeit Architekten GmbH
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Structural**analysis**
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