

# New construction of the forestry workshop of the Burgergemeinde, Biel

2006

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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<sup>2</sup>
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#### - warehouse and production building

- 10 x 70 m
- Height 5.3 m
- Total wood: 100 m<sup>3</sup>
- Floor plan area 700 m<sup>2</sup>

### Timber construction contractors

Hector Egger Holzbau AG  
4900 Langenthal

### Timber construction engineers

Timbatec Holzbauingenieure Schweiz AG, Thun  
3600 Thun

### Client

Bürgergemeinde  
3989 Biel

### Architect

Bauzeit Architekten GmbH  
2502 Biel

### Structural analysis

Ingenieure & Planer AG  
2502 Biel

### Civil engineer

Riederer & Partner GmbH  
3047 Bremgarten