

Multipurpose hall Preisegg, Hasle bei Burgdorf

2009



The multipurpose hall is located directly next to the Preisegg school complex, in a rural setting. Due to the good cooperation on the project "Eishalle Brännli", the engineers C+S from Hasle and Timbatec from Thun were again commissioned.

The project

The walls of the hall as well as the annexes are made of solid construction. The roof structure of the barrel roof is made of wood. The main supporting structure of the roof consists of bent trusses. The upper and lower chords as well as the compression struts were made of wood, the tension diagonals of round steel with clevises.

The construction method

The substructure for gymnastics equipment suspension (rings, high bar, ropes, basketball baskets) was mounted with steel girders between the main supporting structure. The hall can also be used for cultural purposes thanks to the installation of a stage.



Exterior view



Main structure



Truss supports



Interior view

Construction Data

- Glulam main structure: 41.8 m³
- rafter purlins structural timber: 59 m³
- Hall dimensions: W = 26.40 m; L = 44.0m; H = 7.0m

Services of Timbatec

- SIA phase 31 preliminary project
- Cost estimate
- SIA Phase 32 Construction project
- Structural analysis and design
- SIA Phase 41 Tendering and comparison of offers
- SIA Phase 51 Implementation project
- Site supervision and site inspections

Architect

Huber, Kuhn, Ringli Architekten GmbH
3013 Bern

Timber contractor

Baumberger Bau
3425 Koppigen

Civil engineer

C + S Ingenieure
3415 Hasle bei Burgdorf

Building owner

Residents' municipality of Hasle
3415 Hasle bei Burgdorf

Timber construction engineers

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