

# New construction of Mosimann and Stromer Campus halls, Oberwangen

2012

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The two symmetrically arranged halls are located on Freiburgstrasse in Oberwangen. The cubes with the dimensions 50x26x12 m shape the image of the landscape next to the highway.

## The project

The two halls, most of which are two-story buildings, are connected by a roof that is also used as a terrace. This creates a visual connection and allows the eye to perceive the industrial buildings as a whole. In one of the halls, bicycle pioneer Thomas Binggeli and his 80 employees produce the Stromer electric bicycle he developed himself. In the other hall, two independent companies work with wood.

## The construction method

Mosimann Holzbau and Schreinerei Ringeisen, with their 40 employees, can use synergies in the new hall and thus make optimum use of the facilities. Mosimann Holzbau from Köniz acted as the client. This has been owned by Hector Egger Holzbau AG in Langenthal since 2005. Hector Egger Holzbau AG realized the construction project as general contractor.



Truss in office wing



Sliding gate under the office wing - 15 m cantilever with minimum deflection



Two-storey modern joinery hall



Provision of Stromer bikes

### Construction Data

- Glulam 680 m<sup>3</sup>
- Shuttering larch 22 mm
- 960 m<sup>2</sup>
- Shuttering Fi/Ta 26 mm
- 1370 m<sup>2</sup>

### Services of Timbatec

- SIA Phase 31 Preliminary design
- Structural analysis and design
- SIA Phase 32 Construction project
- SIA Phase 51 Implementation project
- SIA Phase 52 Execution

### Timber construction engineers

Timbatec Holzbauingenieure Schweiz AG, Thun  
3600 Thun

### Timber Construction Contractors

Hector Egger Holzbau AG  
4900 Langenthal