

New construction MFH Mühlemann, Kiesen

2003



The client intended to build a 3-family house with an annex for garages and recreation room. The upper two floors should be able to be used as an apartment for some time.

The project

The object is located next to a sawmill. In an initial inquiry, only a roof truss in wood was required. Later, the client decided to build a modern, multi-storey wooden structure.

The construction method

The walls were erected in timber frame construction. A rear-ventilated, opaquely painted T-strip formwork serves as the outer skin. The ceilings were constructed as simple beam layers - a construction method that has been somewhat forgotten in view of the new, numerous ceiling systems, but is very economical.



View gable



Scaffold



Storage of the walls

Construction Data

- Walls: Timber frame construction
- Ceilings: Beam layers
- Exterior walls: 223 m²
- Interior walls: 262 m²
- Beam layers: 6
- 3 m³
- roof structure: 11 m³
- Width/height/length: 12.75 / 17.6 / 10.3 m
- enclosed space: 2100 m³



Bauphase

Timber construction

Beer Holzbau AG
3072 Ostermundigen

Timber construction engineers

Timbatec Holzbauingenieure Schweiz AG, Thun
3600 Thun

Architect

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Client

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