

Bergheim, Tägerwilen

2016



The Bergheim residential building in Tägerwilen, Thurgau, was constructed largely in wood. Special attention had to be paid to sound insulation for the four condominiums in the new building.

The project

The Bergheim residential building in Tägerwilen, not far from Frauenfeld, is a replacement building for a single-family house that previously stood on the same site. The new four-story building on Oberdorfstrasse now contains four large 4.5-room condominiums. Each apartment occupies an entire floor and has an area of 167 m². Characteristic of the building are the spacious rooms. They are flooded with light, and the exposed wooden ceilings provide a pleasant living environment.

The construction

The basement with the integrated parking, the cellar compartments and the disposable rooms as well as the staircase were built of reinforced concrete. Everything above ground level is made of wood: For the first floor and the other floors, the exterior and interior walls as well as the floor slabs are made of solid wood. The walls are made of cross laminated timber, the ceilings are made of diagonal dowel wood.

The challenge

The client, who had a wooden building constructed for the first time with the Bergheim, placed great value on sound insulation for the four condominiums with a high standard. The high sound insulation requirements were met by weighting the ceiling with chippings. With success: the sound measurements carried out revealed very good results, and the Bergheim residents can look forward to a quiet new home.



Bergheim: Space for four spacious condominiums

Construction Data

- Exterior walls of cross laminated timber 600 m²
- Interior walls of cross laminated timber 830 m²
- Ceilings from diagonal dowel wood DD 670 m²

Services of Timbatec

- SIA Phase 31 Preliminary design
- SIA Phase 32 Construction project
- Statics and construction
- SIA Phase 51 Implementation project



During the construction work: Load-bearing exterior walls made of solid wood

Timber constructor

Sohm AG Switzerland
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Architect

Entenmann Architektur GmbH
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Client

Immo Harvest GmbH
8597 Landschlacht

Timber construction engineer

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