

New construction 8 DEFH Tobelbach, Ottenbach

2002



The client planned to build a spacious housing estate in Ottenbach in wood. The aim was to create a reference for modern buildings in optiholz board stack construction.

The project

The entire building was constructed using the board stack method. Exterior walls, interior walls, building partition walls, but also ceilings and roofs including hatches were built in this construction method. Attention was paid to the building partition wall. In order to meet the high sound insulation requirements, it was designed as a double-shell construction.

The construction method

By placing the complete insulation layer on the outside, it was also possible to apply the vapor retarder to the outside of the board-stack walls. This provided safety and controllability with regard to the air tightness of the building envelope. The board stack walls and ceilings were all covered with gypsum fiberboard and painted white. An impressive project made of local wood - economical and competitive.



Roof construction with optiholz board stack modules



Hatch from inside



Interior wall



A view of the living room in the shell

Construction Data

- Number of housing units: 4x2

Services of Timbatec

- Statics and construction

Timber Construction Engineers

Timbatec Holzbauingenieure Schweiz AG, Thun
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Architect

Fux Rainer
8905 Arni AG

Timber construction

Koller E. Zimmerei AG
8917 Oberlunkhofen

Building owner

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