

Gallery floor Wiesenstrasse, Ostermundigen

18.08.2025



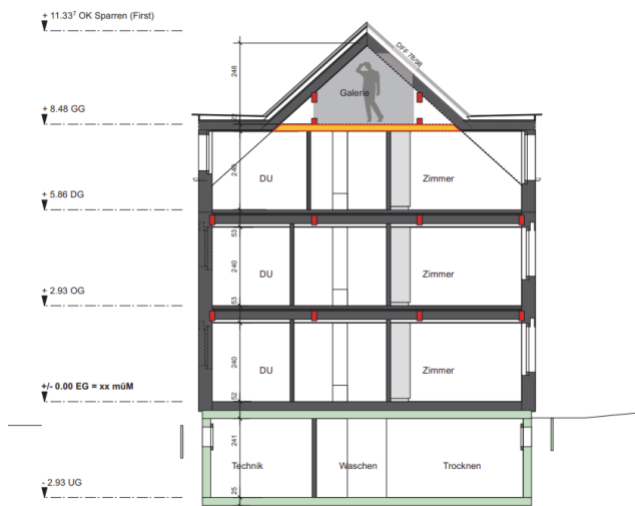
TS3 gallery floor as a flat system. How can an additional gallery floor be built despite full exploitation of the cubature? With the TS3 system, the gallery floor slab can be slim and without beams.

The project

A replacement building was constructed on Wiesenstrasse in Ostermundigen. The three-storey apartment building was constructed using timber. The client requested an additional gallery in the top apartment, but the volume was already maxed out and the roof was dangerously close to the head. A solution with floor beams would have cost valuable height. Thanks to the TS3 system, floor beams were not necessary.

The construction method

The gallery floor measures 38 m² and was constructed using three 130 mm CLT panels. The panels were joined butt-jointed using the TS3 system. The gallery floor is supported on one side by the outer wall and on the other by four columns and an additional small load-bearing wall.



Construction data

- Number of floors: 1
- Gross floor area: 38m²
- Cross-laminated timber: 5 m³
- TS3 technology: 13 linear metres of joints

Architecture

MAKA Architektur Atelier Matthias Kammler

Client

Private

Timber construction

Neue Holzforum AG, Herzogenbuchsee

CLT manufacturer: Balteschwiler AG