

MFH Obere Asp, Zürich



The apartment building in Zurich Wollishofen is built entirely in wood, including the staircase. In this building on the Aspweg hill, six new apartments were created, distributed over two full floors and an attic.

The project

The building geometry of this residential building was dictated by the neighboring building, which continued to be used intact and gave this building its basic structure. Between the old building and the new one, the new staircase was created, which rises over the entire height and is accessed by a light steel staircase.

The Swedish stoves in each apartment give the apartments a cozy charm. The two attic apartments are designed as maisonettes and have a gallery, which ends in the overheight front part flooded with light.

The construction

From the ceiling slab above the underground garage, four floors were built in timber construction. The encapsulated cross-laminated timber panels separate the stairwell from the residential section. The load-bearing wall made of cross-laminated timber runs through the middle of the building directly under the ridge and both transfers the vertical loads and serves as bracing. The exterior walls are load-bearing stud wall construction. All interior walls are lightweight walls and support the bracing in the transverse direction.

The challenge

The gallery in the attic was set back in both directions. Likewise, the building is to receive a full-surface glass area on the gable end for the incidence of light as well as the view. It was a challenge to implement these two points statically so that it would also function technically.



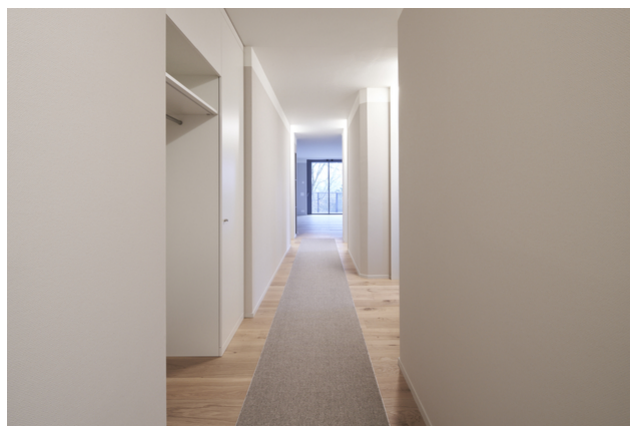
Maisonette apartment gallery



Kitchen area with swedish stove



Wood on the facade and balconies



In the entrance area carpet protects against impact sound

Construction Data

- Building volume: 3600 m³
- Useful area: 720 m²
- cross laminated timber: 150 m³
- structural timber: 40 m³
- wood-based panels: 840 m²

Construction costs

- BKP 214: 600'000 Fr.

Services of Timbatec

- SIA Phase 31 Preliminary design
- SIA Phase 32 Construction project
- SIA Phase 41 Tendering and comparison of offers
- SIA Phase 51 Implementation project
- SIA Phase 52 Execution
- SIA Phase 53 Commissioning
- Structural analysis and design
- Fire protection planning
- Fire protection Quality assurance QSS2
- Cost estimation
- Technical site supervision and site inspections
- Execution fire protection

Client

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Photography

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