

Apartment building at 52 Wehntalerstrasse, Zürich

2021



The new replacement building at Wehntalerstrasse 52 in Zurich-Unterstrass features eight apartments of varying sizes. Environmental considerations and durability are top priorities at the W52 intergenerational housing complex. The floor slabs are made of TS3.

The Project

Generationenhaus W52 actively promotes communal and intergenerational living. The penthouse features a co-living space with a kitchen, as well as a furnished co-working space. Ecological and sustainable living are principles to which the residents of the W52 Intergenerational House are committed. These principles also encompass aspects of social behavior and mindful living.

The Construction Approach

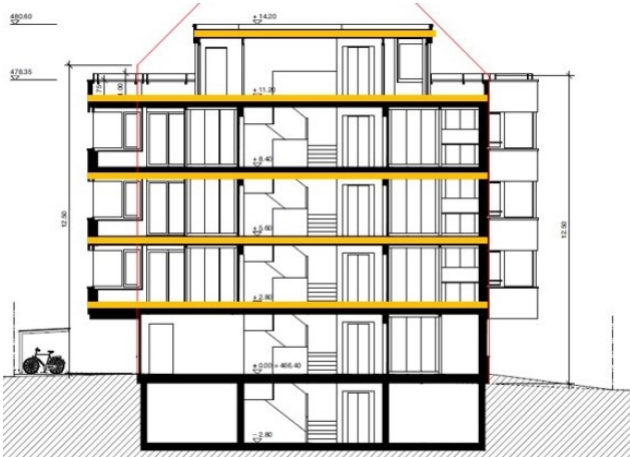
The structural design is based on the fundamental approach described above and focuses, among other things, on an ecological and energy-optimized construction method using wood. When selecting building materials, attention is paid to their ecological sustainability and durability. Therefore, the use of TS3 technology is the logical choice. The post-and-beam system requires no steel or concrete whatsoever. The TS3 ceilings are painted with a white glaze, so the joints remain visible.



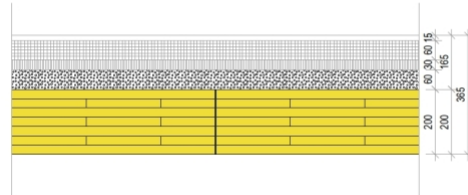
Passage to the balcony



Living space



Cross section Wehntalerstrasse 52



Construction data

- Number of floors: 3
- Gross floor area: 700 m²
- Cross-laminated timber: 140 m³
- TS3 technology: 280 m³

Architecture

Wellmann Architekten AG, Zurich

Client

Private

Timber engineer

Timbatec Timber Engineering Switzerland AG, Zurich

Timber construction

Burkart AG Trilegno, Auw

Civil engineer

Ruggli & Partner Civil Engineers, Zurich

Building physics

Timbatec Timber Engineering Switzerland AG, Zurich

Construction management

Wellmann Architekten AG, Zurich

CLT Manufacturer

Schilliger Holz AG, Küssnacht