

Apartment building Wehntalerstrasse 52, Zürich

2021



The new replacement building at Wehntalerstrasse 52 in Zurich-Unterstrass has eight apartments of different sizes. The ecological aspects as well as the longevity are of great importance for the Generationenhaus W52. The slabs of all storeys are made of TS3.

The project

The Generation House W52 actively promotes collaborative and intergenerational living. The attic features a co-living space with kitchen, as well as a furnished co-working space. Ecological and sustainable living are principles to which the residents of the Generationenhaus W52 are committed to. These also concern aspects of social behavior and conscious lifestyle.

The construction

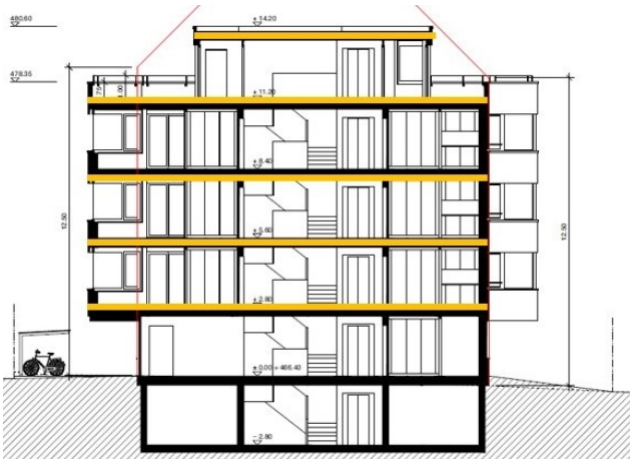
The constructional realization is based on the basic approach described above and focuses on, among other things ecological and energy-optimized construction in wood. In the materials are selected for their ecological sustainability and longevity. Therefore the use of TS3 technology is the logical consequence. The column-and-slab system does not require without steel and concrete. The TS3 slabs are painted white glazed, so the joints remain visible.



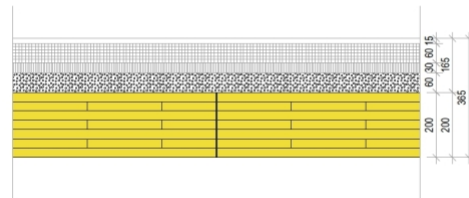
Passage to the balcony



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 linear meters of joints
Column grid: Wall to wall

Architecture

Wellmann Architects AG, Zurich

Client

Private

Timber engineer

Timbatec Holzbauingenieure (Switzerland) AG, Zurich

Timber construction

BURKART AG trilegno, Auw

CLT manufacturer

Schilliger Holz AG, Küssnacht