

# Buchholz Residential Development, Zurich

2022-2024



With a total of 127 residential units, the Buchholzstrasse residential complex blends harmoniously into the popular Witikon neighborhood thanks to its timber-frame facade and high-quality wood cladding.

## The project

The project by EMI Architekten AG, in collaboration with Timbatec Holzbauingenieure Schweiz AG, stood out for its consistent use of an eco-friendly hybrid timber construction method. High-quality materials, attention to interior design details, and a well-thought-out, sustainable, and resource-efficient construction method in accordance with Minergie-P-Eco ensure the well-being and comfort of the residents. The strategic use of wood not only gives the buildings a high-quality aesthetic appeal but also underscores their commitment to sustainability.

## The construction method

The hybrid construction method combines concrete floor slabs with frame-constructed facade elements that incorporate load-bearing glulam columns. This approach fully leverages the synergies between wood and concrete to maximize cost-effectiveness. The rear-ventilated facade cladding was also designed as a combination of vertical and horizontal wood formwork.

## The challenge

The high architectural and technical requirements for the facade cladding also called for precise and meticulous detailed planning.



Photos: Roland Bernath

### **Services of Timbatec**

- SIA Phase 31 Preliminary design
- SIA Phase 32 Construction project
- SIA Phase 41 Tendering and comparison of bids
- SIA Phase 51 Implementation project
- SIA Phase 52 Execution
- SIA Phase 53 Commissioning

### **Client**

Edelaar Mosayebi Inderbitzin AG  
8003 Zurich

### **Timber Construction**

Zehnder Holz und Bau AG  
8409 Winterthur-Hegi

### **Construction Management**

Baumanagement-Wild GmbH  
8400 Winterthur