

# Wydäckerring residential development, Zürich

2022

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On Wydäckerring, 183 new apartments have been built in a synergy of wood and concrete in hybrid construction.

## The project

In the middle of an urban, quiet, well-developed location in Zurich-Albisrieden, Wydäcker, with its modern yet restrained façade elements, blends in perfectly with its surroundings. Four new buildings have been constructed on Wydäckerring, in which a total of 183 new apartments have been created on up to eight storeys. The buildings are Minergie-P and greenproperty Gold certified.

## The construction method

The four buildings are of hybrid construction. The stairwell core, interior columns and ceilings are made of reinforced concrete. The exterior walls are made of timber. The load-bearing columns are integrated into the frame construction walls and are offset as elements. The major advantages are that the elements form the end formwork and enable the timber and solid construction to be erected quickly and simultaneously.

## The challenge

Due to high column loads and limited space in the outer walls, locally optimized materialization was required. Beech columns were therefore used instead of glulam columns on the lower floors.



End formwork with column connection

#### **Services of Timbatec**

- SIA Phase 31 Preliminary project
- SIA Phase 32 Construction project
- SIA Phase 41 Tendering and comparison of offers
- SIA Phase 51 Execution project
- SIA Phase 52 Execution
- Specialist fire protection planning

#### **Architect**

Duplex Architekten AG  
8008 Zurich

#### **Timber construction engineer**

Timbatec Holzbauingenieure (Schweiz) AG Zurich  
8005 Zurich

#### **Timber construction**

Künzli Holz AG  
7260 Davos

#### **Client**

HRS Real Estate AG  
8050 Zurich