

MFH Johnsonhaus, Köniz

2014



In the heart of the municipality of Köniz, a residential and commercial building on Neuhausplatz has been built in a sunny location close to the center.

The Project

The building in the form of a quarter circle measures approx. 90 x 14 x 17 m. In it 32 rented apartments were created between 3½ and 5½ rooms. Furthermore, the building contains 3 loft apartments as well as 820 m² of sales, service and commercial space and 26 parking spaces.

The Execution

The timber construction starts from the ceiling above the ground floor (pre-stressed reinforced concrete ceiling) and consists of 4 full stories. Timber-concrete composite ceilings were installed between the load-bearing partition walls of the apartments. The roof is also a timber-concrete composite ceiling, the outermost layer of which forms an extensive vegetation. The bracing of the building is carried out via the concrete overlay and through the staircase cores into the foundation.

[Swiss Timber Prize ? Prix Lignum 2015](#) Recognition Region Mitte

[PDF: Prix Lignum 2015 Residential and commercial building at Neuhausplatz Köniz](#)

More information can be found [here](#).



Facade view with balconies



Corner detail



Balcony (Photos: Alexander Gempeler)



Carcass, Ceiling Support

Construction Data

- 162 m³ glulam GL24h
- 586 m³ timber C24
- 17 m³ Kerto Q
- 337 m² OSB
- 9000 m² gypsum fiber boards
- 12 t steel

Construction Costs

- BKP 1-9: 20.5 Mio
- BKP 2: 17.0 Mio
- BKP 214: 2.5 Mio

Timbatec's Services

- Feasibility study
- Preliminary project / construction project
- Fire prevention
- Estimated cost
- Statics / Construction
- Text for tender
- Implementation project
- Site management / Site inspections

Architect

Büro B Architekten und Planer AG
3011 Bern

Architectural Engineer

SMT AG Ingenieure+Planer
3006 Bern

Timber Construction Engineer

Timbatec Holzbauingenieure Schweiz AG, Thun
3600 Thun

Timber Building Contractors

Zimmerei Kühni AG
3435 Ramsei

Building Owner

Stanley Thomas Johnson Stiftung
3000 Bern 14