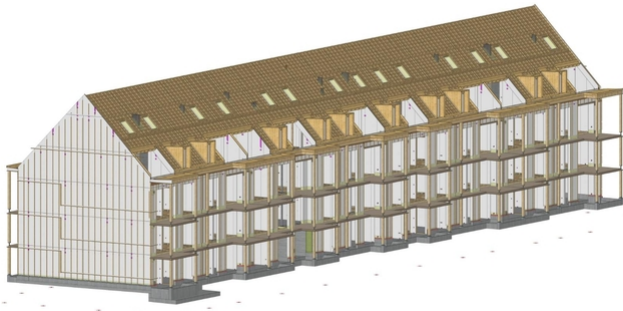


# MFH Riburgstrasse, Basel

2020



The Riburg housing cooperative in Basel relies on wood for its new replacement buildings. Thanks to modular construction, ecological and cost-effective apartments can be created. The basis for this is early and integral planning.

## The project

The Riburg housing cooperative has been revitalizing Basel's Hirzbrunnen district since 1945 and is one of the largest property owners there. It offers 390 attractive cooperative apartments at fair conditions. Many buildings are in urgent need of renovation, and renovation is not always a viable option. In two new replacement buildings planned by Burckhardt+Partner, 59 apartments will be created instead of the previous 36. Sustainable development is central to the housing cooperative. The use of wood as a building material is the logical consequence. And: timber construction is not more expensive than comparable buildings with other building materials. The timber construction allows a modular construction method.

## The construction

The interior and exterior walls are built in timber frame construction. Since the timber engineering services were not provided by Timbatec, the floor slabs are constructed with horizontal glulam as a timber-concrete composite slab.

## The challenge

Timbatec considered all installations in the works planning. Using the industry software Cadwork, we drew all timber components as a 3D model and supplemented this with information for production and processing. In this way, all components, including, for example, the hatchways, were produced in the factory ready for use.



Montage

#### Construction Data

- Glulam 680 m<sup>3</sup>
- OSB boards 2500 m<sup>2</sup>

#### Services of Timbatec

- Factory design 3D and 2D



Montage

#### Architect

Burckhardt+Partner AG 4002 Basel

#### Client

Wohnbaugenossenschaft Riburg 4058 Basel

#### Timber construction engineer

Pirmin Jung AG 3600 Thun

#### Timber construction

Stamm Bau AG 4144 Arlesheim

#### Construction management

Burckhardt+Partner AG 4002 Basel

#### Works planning

Timbatec Holzbauingenieure Schweiz AG  
3012 Bern