

Ischlag development Dorfstrasse 82, Uetendorf

2023



When talent and a willingness to work together are combined, modern and sustainable living space is created. In Uetendorf, two apartment buildings with retrofitted concrete stairwells were built.

The project

The new building on Dorfstrasse in Uetendorf comprises two structures, each with three full storeys and an attic storey. Both buildings are connected via a shared basement with a parking garage for over 20 cars, a spacious bicycle room and basement and utility rooms. The upper floors contain 18 apartments, all with attractive south-facing and partly west-facing outdoor spaces. The two buildings were constructed above ground in timber, while the basement and stairwells are made of reinforced concrete.

The construction method

The buildings were constructed using sustainable timber element construction, with both the interior and exterior walls consisting of prefabricated timber elements. Horizontal glued laminated timber (glulam) was used for the floor slabs and the roof, which guarantees the required stability. This construction method combines ecological responsibility with modern living comfort and creates a healthy indoor climate.

The challenge

The subsequently concreted stairwells posed a challenge, as the apartments were not directly accessible via stairs. The timber construction could be erected quickly and without steel parts thanks to its precision fit. Individual customer requirements could be flexibly accommodated in the execution planning.



Wooden facade and balconies in the outdoor area



Light-flooded rooms provide living comfort



Terrace view in the outdoor area with wooden decks



Wooden facade in the entrance area

Construction Data

Dimensions Building no. 82:

- Building length: 24.40 m
- Building width: 14.40 m
- Building height above ground level: approx. 12.20 m

Dimensions Building no. 84:

- Building length: 15.50 m
- Building width: 14.50 m
- Building height above ground: approx. 12.20 m

Timber facade 1111 m²/ Glulam 135 m³/ Structural timber 120 m³

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
- SIA Phase 53 Commissioning
- Statics and construction
- Specialist planning fire protection
- Fire protection Quality assurance QSS2
- Work planning 3D and 2D
- Our services summarized: Timber construction engineer / fire protection QSS2 / work planning timber construction

Timber construction engineer

Timbatec Holzbauingenieure (Schweiz) AG Bern
3012 Bern

Photography

GLB
3250 Lyss

Client

GLB
3250 Lyss