

# Terraced house Sandblatte, Rain

2024

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We were responsible for the timber construction statics, fire protection and building physics for these terraced single-family houses with commercial units and a shared underground parking garage.

## The project

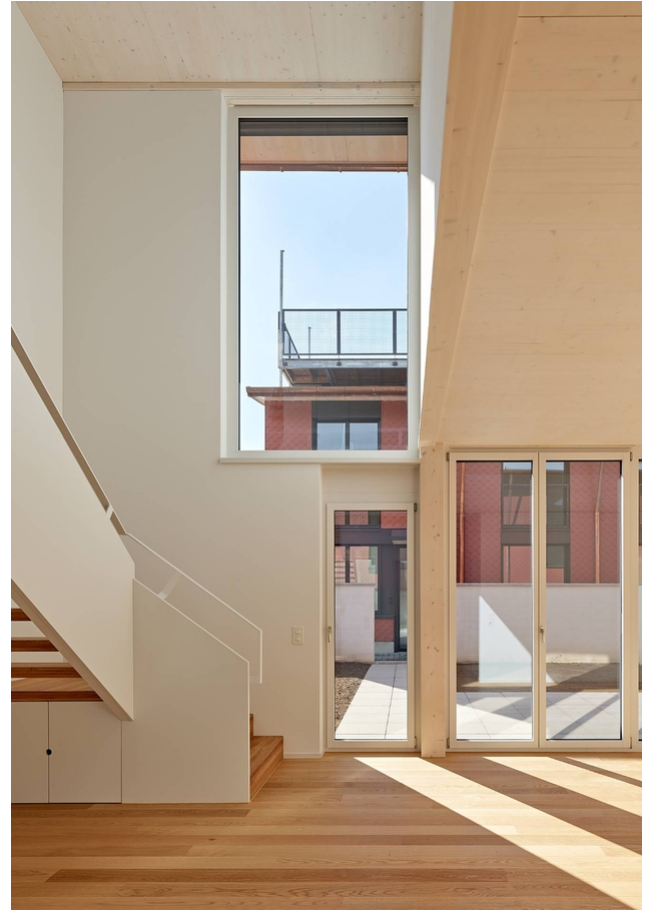
We supervised this development in Rain. The existing underground parking garage was upgraded so that the two-storey buildings could be constructed above it. Above ground, everything was built in timber with visible wooden ceilings. A busy main road had to be taken into account in terms of building physics.

## The construction method

The walls were built using timber frame construction and the floor slabs with cross-laminated timber.

## The challenge

We were able to simplify the fire protection requirements considerably with simple measures without compromising safety.



#### **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
- Specialist planning for building physics
- Fire protection planning

#### **Timber construction**

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#### **Photography**

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#### **Client**

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