

Terraced house Sandblatte, Rain

2024



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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