

New construction housing estate Watt, Regensdorf

2010



The development in the Minergie-P Eco standard is designed as a zero-energy housing estate and consists of 2 multi-family houses and 7 terraced single-family houses. The entire settlement is built from the first floor in timber construction.

The project

The settlement House A / apartment house, duplex apartments, 4 floors House B / multi-family house, maisonette apartments, 4 floors House C+ D / terraced houses, 2 floors Total: 12 apartments and 7 terraced houses

The construction method

Interior and exterior walls in large-format, prefabricated wooden elements. The supporting structure is realized in timber frame construction. The building envelopes have an insulation thickness of 35 cm ($U\text{-value} = 0.1 \text{ W/m}^2\text{K}$). The ceilings are constructed of a special wood-concrete ceiling system with wood triple-layer panels visible below. The facade consists of horizontal larch wood lathing.



Residential complex with courtyard



Entrance to the underground car park



View 3



View 2

Construction Data

- Wooden construction
- Minergie-P Eco2
- REFH
- 2 MFH

Services of Timbatec

- SIA phase 31 preliminary project
- Cost estimate
- SIA Phase 32 Construction project
- Statics and construction
- Fire protection planning
- SIA Phase 41 Tendering and comparison of offers
- SIA Phase 51 Implementation project
- Technical site management and site inspections

Timber contractor

Hector Egger Holzbau AG
4900 Langenthal

Architect

Kämpfen für Architektur AG
8048 Zurich