

New construction MFH Rütihof, Uerikon

2011



The Rütihof residential complex is situated in an exclusive location on a small plateau above Lake Zurich in Uerikon.

The project

Three multi-family houses with four residential units each were built here. The individual buildings of this development have two full floors above ground level realized in solid construction. The special features: In this property, the focus is on the cantilevered components, such as balconies, canopies and facade cladding, which were constructed in wood.

The construction method

An almost compact insulation perimeter running around the solid structure. The external insulation is formed by a two-layer insulation (120 and 100 mm) with a cross-laid lath grid. Ventilated horizontal boarding (tongue and groove with pre-greyed surface treatment) was used as the outer skin. Always four boards were combined in height to a unit and run around the building. The balcony floor and roofing are hollow box elements, with the roofing sloping on three sides. The edge of the roof is constructed in a rafter/nag design that is looped onto the existing concrete deck. Soffit and the whole gutter-forming structure are attached to the suspension nails.



Exterior view

Construction Data

- Components: Cantilevered
- Outer skin: Ventilated horizontal formwork
- Balcony floor and roofing: Hollow box elements

Services of Timbatec

- SIA Phase 31 Preliminary design
- SIA Phase 32 Construction project
- Structural analysis and design
- SIA Phase 41 Tendering and comparison of offers
- Cost estimation
- SIA Phase 51 Implementation project
- Site supervision and site inspections



Exterior view

Timber contractor

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Architect

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