

# New construction MFH Rütihof, Uerikon

2011

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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-greying 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**

Kübler AG  
8618 Oetwil am See

### **Architect**

Jakob Steib Architekten AG  
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