

# Hort Ilgen, Zürich-Hottingen

2015

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The new after-school care center at the Ilgen school complex stands in idyllic surroundings: trees surround the building designed by architects Wolfgang Rossbauer and Susanne Triller; an urban forest into which the after-school care center with its wooden façade blends harmoniously.

## The project

The facade of the three upper floors of the after-school care center are designed as a wooden structure, which supports the ceilings made of concrete. This means that the ceiling was concreted onto prefabricated wooden facade elements. This solution could be realized because both the architect and Timbatec were convinced of it. In the planning, it looked for a while as if a solution with steel supports would be used - although architect Rossbauer had won the municipal competition for the after-school care center with an all-wood construction. Thanks to the commitment of the architects and Timbatec, the advantages of wood were finally exploited.

## The construction

The wooden elements in the after-school care center not only support the concrete ceiling. They also create a comfortable atmosphere for the children. After all, a pleasant climate and good sound insulation are particularly important in buildings such as after-school care centers.

## The challenge

The daycare center is located in a listed park. The total of six care rooms in the Ilgen after-school care center for up to 160 children must blend harmoniously into the surroundings.



Interior view: facade in wood. Above lies the concrete ceiling



The nursery has been in operation since 2015



Attic of the nursery

#### **Construction Data**

- Floor area 1'400 m<sup>2</sup>
- Building volume 15'500 m<sup>3</sup>

#### **Construction costs**

- BKP 2: 2
- 2 million Swiss francs

#### **Services of Timbatec**

- SIA Phase 31 Preliminary design
- SIA Phase 32 Construction project
- SIA Phase 41 Tendering and comparison of offers
- SIA Phase 51 Implementation project
- SIA Phase 52 Execution
- Statics and construction
- Fire protection planning
- Site supervision and site inspections
- Cost estimation
- Fire protection Quality assurance QSS2

#### **Architect**

Wolfgang Rossbauer 8004 Zurich

#### **Client**

Office for Structural Engineering of the City of Zurich 8021 Zurich

#### **Timber construction engineer**

Timbatec Holzbauingenieure Schweiz AG 8005 Zurich