

# Reference projects

## Single family houses

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### **Courtyard Waberg, Adetswil**

The St. Michael Association runs the Waberg farm, which provides a home and work for people in need of support. Timbatec was responsible for the timber engineering, fire protection, and building physics aspects of the farm renovation., Adetswil

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### **Barn Dingenhart, Frauenfeld**

The «Dingenhart» detached house project breathed new life into an old barn in a picturesque hamlet near Frauenfeld, creating an eye-catching building made of wood and exposed concrete., Frauenfeld

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### **Terraced house Enzenbühlstrasse, Zurich**

In district 8 on Enzenbühlstrasse in Zurich, two terraced single-family houses, each with four units, were built as hybrid constructions., Zurich

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### **The rock in the surf, New York**

A wooden building in a class of its own: Christian Wassmann skillfully integrated a rock into the new home for his family. We were allowed to accompany the project in New York as structural engineers., New York

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### **Single family house, Unterägeri**

Timbatec supported Burkart trilegno AG in the structural analysis of a single-family house in Unterägeri. It quickly became clear that the three-story building on the hillside above Unterägeri would not be an ordinary single-family house, but a modern villa., Unterägeri

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### **Usterstrasse Development, Illnau**

The new single-family houses are located directly in the historic center of Illnau. Due to the modern wooden construction as well as the wooden roofing, contemporary comfort and historical charm were optimally combined., Illnau

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### **Superstructure «Die Mühle», Bergdietikon**

The residential development in Bergdietikon consists of an apartment building with 13 residential units and 8 single-family houses. The slight slope offers a fantastic view., Bergdietikon

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### **Semidetached house Burenweg, Zurich**

The listed double dwelling house from the 16th century had to be repaired. The building fabric was to be preserved and the living comfort brought up to a modest but contemporary standard., Zurich

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### **Single family house Black, Groß-Enzersdorf**

Haus Schwarz is located on the Danube-Oder Canal in Groß-Enzersdorf and offers a view of the canal from all rooms., Groß-Enzersdorf

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### **New construction single family house, Otelfingen ZH**

The single-family house in Otelfingen in the canton of Zurich, which has four rooms, is located on a beautiful slope. Virtually everything you see in this house is made of wood. The house consists of the natural building material from the floor slab onwards., Otelfingen ZH

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### **Single family house, Tafers**

The single-family house is located in a beautiful location with a view of the foothills of the Alps in Tafers. The quarter was planned by the architectural office hb architekten ag in Schmiten and realized entirely in wood., Tafers

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### **Single family house, St. Antoni**

The rurally located single-family house was completely prefabricated and after only 4 months of construction the building was ready for occupancy. The timber construction contains a world novelty - namely the TS 3.0 developed by Timbatec - a ceiling system made of panels, which carry 2-axes analogous to a concrete ceiling., St. Antoni

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### **New construction single family house Schenk, Hinterkappelen**

In the most beautiful location directly on the Wohlensee, a sophisticated single-family house was built in Hinterkappelen. On the massive basement, a building with three floors was erected in timber construction. The wall elements were realized in timber frame construction. A board stack construction was chosen for the floor slabs. Generous galleries, high rooms and a lot of window area characterize the modern building., Hinterkappelen

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### **Renovation residential house Ramseier, Oberhofen**

The beautifully located two-family house in Oberhofen on Lake Thun was to be adapted to the ideas of the client after a change of ownership and converted into a single-family house. For the energy supply, a full-surface covering of the roof with photovoltaic elements was planned., Oberhofen

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### **Renovation rectory, Maschwanden**

The listed but dilapidated 350-year-old parsonage in Maschwanden underwent a total renovation., Maschwanden

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### **New construction housing estate Watt, Regensdorf**

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., Regensdorf

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### **New construction/renovation of the Mühleareal complex, Herbligen BE**

A five-story apartment building and 2 x 3 row single-family homes are clustered around the existing mill building., Herbligen BE

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### **New construction cottage Pardiol, Pizol**

The Minergie wood system building Casa Muntaluna is a vacation and dream house in one, in the middle of the skiing area Pizol. The vacation home is located at 1'600m above sea level in the Pardiol above Bad Ragaz., Pizol

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### **Single family house Zysset, Thun**

This simple, rectangular, Minergie-standard single-family house on a slope did not present a major challenge to the timber engineer from the outside. The difficulty, however, was that the top floor had hardly any walls., Thun

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### **New construction 8 DEFH Tobelbach, Ottenbach**

The client planned to build a spacious housing estate in Ottenbach in wood. The aim was to create a reference for modern buildings in optiholz board stack construction., Ottenbach

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### **Erlessenhog, Grosshöchstetten**

At Erlessenhoger in Grosshöchstetten, a development of 25 terraced and semi-detached houses was built in several stages to the Minergie standard., Grosshöchstetten