

# Redevelopment Höchhus, Steffisburg

2007

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This property in Steffisburg belongs to the Höchhus Foundation and is a listed building. The Höchhus is one of the oldest buildings in the village.

## The project

The building stands on old wall remains, which are probably related to the castle of Steffisburg. The wooden construction of the roof truss dates back to 1530. All the work was closely supervised by the cantonal office for the preservation of historical monuments. First, the condition of the wooden construction had to be recorded by means of drilling resistance measurements and then assessed. We recalculated the roof structure on the basis of the new structural standards and assessed its safety.

## The construction method

We have checked and verified the stiffening of the roof structure. All these examinations and verifications have shown that the roof truss from 1530 is capable of meeting the latest structural standards! Certain rotten or damaged components had to be replaced or repaired. The first floor of the renovated Höchhus is a restaurant, the upper floors are offices. The attic is used as a hall for various events. Wood Award Switzerland - Prix Lignum 2009



Exterior before renovation

### **Construction Data**

- Conversion historical building monument protection

### **Services of Timbatec**

- Condition analysis
- Statics and bracing of the roof structure
- Details/detailed solutions
- Accompaniment and consulting contractor/architect
- Site inspections



Attic before renovation

### **Architect**

HMS Architecture and Planning  
3700 Spiez

### **Timber construction engineers**

Timbatec Holzbauingenieure Schweiz AG, Thun  
3600 Thun

### **Client**

Foundation Höchhus  
3621 Steffisburg

### **Civil Engineer**

Bührer und Dällenbach Ingenieure AG  
3612 Steffisburg