

# Höllbach Bridge, Plasselb

2014



The bridge connects the districts of Sense and Gruyères and received a certificate for the use of Swiss wood. The new truss structure with shingle roof replaces the old Höllbach bridge, which was destroyed by arson in 2013.

## The project

The new bridge over the Höllbach in the Plasselbschlund was inaugurated on Saturday, July 5, 2014. It weighs 28 tons, is almost 6 meters high, was built from 45 cubic meters of wood and is covered with about 37,000 shingles.

## The construction

State Councillor, Mrs. Marie Garnier, as well as other speakers underlined at the inauguration the importance of the fascinating structure: it is a symbol of the reforestation 125 years ago and a central element for today's management of the protection forest. The bridge connects the districts of Sense and Gruyères and received a certificate for the use of Swiss wood. The new truss structure with shingle roof replaces the old Höllbach bridge, which was destroyed by arson in 2013.

[CH.HOLZBAU 10.14](#)



Interior view



Connection node



Portal view



Presentation of the CH Wood Certificate

### Construction Data

- 45 m<sup>3</sup> Wood
- 3'000 kg steel
- 37'000 pieces of shingles
- Heavy duty bridge for 40 t truck

### Construction costs

- BKP 214: 0.25 Mio.

### Services of Timbatec

- SIA Phase 31 Preliminary design
- SIA Phase 32 Construction project
- Statics and construction
- SIA Phase 51 Implementation project
- Technical site management and site inspections

### Client

Office of Forests, Game and Fisheries  
1716 Givisiez

### Timber constructor

Zumwald Neuhaus AG  
1719 Zumholz

### Timber construction engineer

Timbatec Holzbauingenieure Schweiz AG, Bern  
3012 Bern