

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 facts The new bridge over the Höllbach in the Plasselbschlund and was solemnly 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. Wood connects CH.HOLZBAU 10/2014



Interior view



Connection node



Portal view



Presentation of the CH Wood Certificate

Construction Data

- 45 m³ Wood
- 3'000 kg steel
- 37'000 pieces of shingles
- Heavy duty bridge for 40 t trucks

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
- Site management and site inspections

Client

Office of Forests, Game and Fisheries
1716 Givisiez

Timber constructor

Zumwald Neuhaus AG
1719 Zumholz

Timber construction engineer

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3012 Bern