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ENGINEERING & INNOVATIONS

Reference bridge construction

Road bridge La Resgia, Ramosch GR

A milestone in modern timber bridge construction. The modern design of covered timber bridges for heavy road loads. Built in 1990 with a total carriageway length of almost 50 m and an arch span of approx. 45 m.

Frame corners made out of timber, hardwood supporting members, laterally pre-stressed and glued timber carriageway, large glulam beams and state of the art connection technology are a few keywords from the presented object.



View



Construction and assembly phase



Frame corner detail



View



Hardwood hangar

Building owner

Canton Grisons

Project engineer

Albert Mayer, Sent GR

Year of construction

1990

Activities

Consulting and support of the development, project planning, production and execution through and under the supervision of Prof. E. Gehri ETH Zurich.

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Further references available on
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