

# ETFE facade Stanserhornbahn

## Cable support ETFE facade

The facades of the mountain and valley stations of the Stanserhorn cable car are covered with transparent sheaths of rope-supported ETFE foils. The total facade area is 832 m<sup>2</sup>. Due to the high altitude of the stations with up to 1,850 m above sea level, enormous wind loads and temperature differences had to be taken into account in the design of the construction.

## Project details:

Year: 2012

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Location: Stans, Switzerland

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Building owner:

Stanserhorn-Bahn-Aktiengesellschaft

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Client: Bieri Tenta AG

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Services: Structural design, workshop planning

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Other parties involved:

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