



TAMINA BRIDGE, ELVEȚIA

Stabilizarea pantelor

Tamina Bridge

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Proiect	Tamina Bridge
Loc	Pfäfers
Țară	Elveția
Anul instalării	2013
Client	Tiefbauamt Kanton St. Gallen
Tehnologie	wlw Bauingenieure AG, Mels
Antreprenor	Gall Forstunternehmung AG, Berschis

Situația inițială

The villages of Valens and Pfäfers are in the Swiss Canton of Grisons. They are separated by the deep Tamina valley. The Valensstrasse connects Bad Ragaz with Valens and runs along the left side of the valley. It is primarily located in an active landslide area. There have been problems at the Valenserstrasse for many years due to difficult geological conditions. Smaller and larger slides, including rockfalls occurred regularly. The road no longer met the requirements of administration. Their solution was visually unobtrusive, fully safe and allowed the *Tamina Bridge* to be officially opened in summer 2017.

We have taken information from the German [website](#) of the Civil Engineering of the Canton of St. Gallen.

Descriere

During the construction phase, the Valenserstrasse had to be protected as an access road that later became the Tamina Bridge. The mesh which was installed in early 2013 not only meets the safety requirements of the road authorities, but perfectly integrates into the landscape. The TECCO® wire mesh is barely visible on the gray rock or under vegetation. An ideal solution for the Tamina valley with its scenic beauty and ecological value.

Obiect protejat

Road

Alte aplicații instalate

Protecția împotriva căderilor de pietre

Protecție împotriva coroziunii

GEOBRUGG SUPERCOATING, GEOBRUGG ULTRACOATING

Geologie

Limestone

Zonă stabilizată

3000 m²

Înălțime pantă

11 m

Înclinație pantă

70 °

Expoziție



With its 265 meters span, the Tamina Bridge is one of the largest arch bridges in Europe



High tensile steel drapes made out of TECCO® and DELTAX® mesh came first: thus protecting the road during the construction phase and allowing to build the bridge



The bottom border ropes are placed ca. 50 centimeters above the protected road which enables easy maintenance



High tensile steel mesh TECCO® G65/3 is nearly invisible on the slopes



High tensile steel mesh TECCO® G65/3 is nearly invisible on the slopes, especially when partially covered by vegetation



Visible top border rope anchored by 3.0 to 4.0 meters long wire rope anchors installed between 3.3 to 3.5 meters between each other



*Integrated into the landscape - TECCO®
G65/3 and DELTAX® G80/2 high tensile
meshes stay almost invisible*

Pentru întrebări, vă rugăm să contactați specialistul Geobrugg din zona dvs.

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