



HYDROELECTRIC POWER STATION SCHATTENHALB 1+,

Hydroelectric Power Station Schattenhalb 1+

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Schattenhalb

2016

BKW AG
Ghelma Spezialtiefbau AG
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The building of the Hydroelectric Power Station *Schattenhalb 1+* placed underneath the Reichenbach waterfalls, was endangered by regular rockfalls.

In order to protect the building against rockfall, the roof had to be re-dimensioned and strengthened. The damping system ROCKFALL-X A (including old tires as dumping elements) was used for the economical protection against rockfalls with an expected energy up to 700 kJ on the 70 m² roof area.

Building, Infrastructure

GEOBRUGG SUPERCOATING

1000 kJ

1.0 m

7 m - 10 m

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