



# NESSELWÄNGLE BEI REUTTE,

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# Nesselwängle bei Reutte

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2010

Wildbach- und Lawinenverbauung WLV Ausserfern  
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In the fall of 2009, heavy local rainfall above Nesselwängle was responsible for the accumulation of debris caused by flooding. The inconspicuous Schmalecklesbach stream brought debris, humus, and deadwood down into the valley. A high proportion of deadwood led to logs becoming jammed. The woodland and hiking trail leading to the mountain cabin was washed away. The rock settled at the lower levels of meadowland and in the gardens neighboring the settlement.

Following a consultation with Geobruigg, the regional site management of the WLV Ausserfern service for torrent and avalanche control decided to make this region the first to acquire a barrier system against falling rock.

The geometry and the slopes of the Schmalecklesbach stream, positioned some 10 meters above the woodland trail, provide an ideal location for the installation of a debris flow barrier. The slopes of weathered, loosened, or solid dolomite rock ensure that the earth cannot work itself free at the sides. The UX120-H6 barrier is designed with two supports to provide optimum protection for the overall height of 6 meters and with an upper span of 23 meters, should an incident occur.

By opening the nets, the barrier can be cleared out from the existing woodland trail following debris flow from the valley.

Touristic infrastructure, Residential area, Infrastructure

GEOBRUGG SUPERCOATING

6.0 m

23 m

1

700 m<sup>3</sup>

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