

FV. 41 GYDALLEN SKREDSIKRING RV42 BETWEEN SKEIDE AND SVEINDAL, VEST-AGDER , NORWAY

Dynamic Barriers

Problem

In the valley Gyddalen on the road RV42 between Skeide and Sveindal, the road were subjected to rockfall hazard. There was for many years a problem with stones jumping and rolling down to the road.

Solution

Maccaferri proposed a 1000 KJ barrier, the RB 1000 PLUS barrier with a better corrosion protection (95% zinc and 5% alluminium).

The barrier line of installation was chosen around 7 to 10 m upslope from the road. To have an effective protection but also to minimize the costs of installation and maintenance.

The installation was done in 6 lines, with a total length of 660 m.

Client: Audnedal and Haegebostad community

Designer / Consultant: Statens Vegvesen

Contractor: Norsk Bergsikring AS

Products used (Qty.)

- Dynamic barrier RB 1000 660 m, in 6 rows

Date of construction: 11/2018 - 01/2019



Rockfall Events



RB 1000 PLUS barrier



RB 1000 PLUS break detail



RB 1000 PLUS barrier



RB 1000 PLUS break detail



RB 1000 PLUS shared post