

CASE STUDY:

COALCLIFF ROCKFALL BARRIERS

COALCLIFF, NEW SOUTH WALES
JULY 2018

CLIENT: SYDNEY TRAINS

CONTRACTOR: GROUND STABILISATION
SYSTEMS

ROCKFALL BARRIER

When a drapery systems cannot be installed due to access, topographical or economic considerations Dynamic Rockfall Barriers/Catch Fences offer a rockfall protection solution for intercepting and stopping falling rocks and boulders.

Rockfall barrier fences of variable geometry are fabricated from a complex system of steel cables, connections of steel cables to structural elements, energy absorbing devices and anchorages, capable of high deformation capacities which are designed to be easily transported and assembled in extreme conditions.

Maccaferri dynamic rockfall barriers are designed to deflect under load and absorb energy and are available with energy absorption capacity up to 8,500kJ.

GEOFABRICS®
Smarter Infrastructure

A number of 3 m high Maccaferri fixed post RMC 500 ICAT/2 (500 KJ) rockfall barriers were installed to protect rail infrastructure from possible boulder detachments.

