

PORTLETHAN Geomac System

Soil Nails with Tied Back Soil Mattresses (Geomac System).

This Photograph illustrates the nature of the cut and nailed slope we were asked to apply our soil filled mattress system (Geomac) to. Geotextile was also placed on the slope to prevent erosion from inclement weather.



Before Maccaferri Commenced Construction



During Constuction

Completed panel

Panel under construction. Stone fill was used to line the base of the mattress. Thereafter a 200mm or so layer of seeded soil was then added to fill the mattress.

Panel prepared and fixed to the underlying rockfall netting. Please note that the sand and gravel you see under the mesh was placed to take out the undulations on the cut slope.



During Construction



After Construction - the undulating nature of the cut has been covered up and regulated leaving an acceptable finished slope profile



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