

BikePark Wales

Case Study

Location: Merthyr Tydfil

Product: Hydroseeding

Area Size: 2,000m²

Client: BikePark Wales

Project Background

BikePark Wales is the UK's first full scale mountain bike park in the heart of the South Wales valleys, built by riders for riders.

Approached by BikePark Wales, we were asked to hydroseed a recently cut slope that was overlooking a section of new bike track.

Challenges

Safety concerns were raised by our client that the bank could fail blocking the track with debris or even worse, slip whilst being used by a member of the public resulting in serious injury. Another area for concern was the lack of quality topsoil on the slope and trying to establish grass on it. A solution was needed that would prevent any further erosion to the bank.

Solution

A rapid establishing grass seed mix that also provided a deep root structure to bind the bank together was required. This was achieved using one of our specialist grass seed mixes designed especially for Erosion Control. A slow release fertiliser provided the required nutrients needed for the new vegetation to develop on the poor soil and a high performance hydro-mulch applied at 2,500kg per ha was also used to protect the surface and hold everything in place until establishment.

Outcome

The entire area was hydroseeded during one visit and within two months new vegetation was fully established, removing the risk of the bank slipping.

As a result of hydroseeding the aesthetics of the new course had also been improved as the entire bank is now fully covered with a dense sward of grass instead of bare earth.