

Case Study: Swansea University Bay Campus – Artificial Dune Product: Eromat Coir Blanket



Photo credit – St Modwen

As part of the works on the new Bay Campus at Skewen, an artificial dune has been created to protect the site from tidal surges. The landward side of this was protected by Greenfix Eromat erosion control blanket.

This lightweight but robust mat was selected due to its functional longevity of up to 36 months. This was important because as part of the University's biodiversity action plan, a species of grass, *Sea Stock, Matthiola sinuate*, previously thought extinct in Wales was identified in the Crymlyn Burrows SSSI which this project adjoins. The grass was cultivated off site and plug planted into the Eromat which will provide protection to the plants during establishment.

The Eromat was laid over a locally sourced sand mix that reflects conditions elsewhere on the 244ha SSSI. Once the matting's functional life is completed, the Coir will continue to enhance soil conditions ensuring that a previously lost species is once again a feature of the coastline flora.



Design and Main Contractor



Groundworks Contractor

