



## Case Study: Swansea University Bay Campus

As part of the development of the new Bay Campus at Skewen, an artificial dune was constructed to protect the site from tidal surges. To safeguard the landward side of the dune, Greenfix's Eromat™ erosion control blanket was selected.

This lightweight yet robust matting was chosen for its functional longevity of up to 36 months, a critical factor for the success of the project. The University's biodiversity action plan highlighted the need to protect a rare species of grass, Sea Stock (*Matthiola sinuata*), previously thought to be extinct in Wales, which was discovered in the nearby Crymlyn Burrows SSSI (Site of Special Scientific Interest). To support this rare plant, Sea Stock was cultivated off-site and then plug-planted into the Eromat™, ensuring the plants would receive protection during their establishment phase.

The Eromat™ was installed over a locally sourced sand mix that mirrors the conditions found across the 244ha SSSI site. Once the functional life of the matting has been completed, the Coir within the Eromat™ will continue to improve soil conditions, promoting the growth of the Sea Stock grass and enhancing the long-term sustainability of this previously lost species.



**Product**  
Eromat™ C-100-P



**Contractor**  
St Modwen & JMcCarthy