

Case Study: Flood prevention Scheme White Cart Water, Glasgow Products: Rock Rolls, Pre-Established Coir Rolls & Covamat



Existing flood defences along the White Cart Water corridor were piecemeal and isolated. Major investment was required to protect properties from current and future flood risks. This led to the construction of flood defences along sections of the White Cart Water and Auldhouse Burn in the Cathcart area on the south side of Glasgow. SEPA & Scottish Water specified that the bank be restored to its original vegetated finish. Greenfix supplied a range of materials to undertake different aspects of the works. Rock rolls were provided to control the risk of scour around headwalls.

Pre-Established Coir rolls were installed at the water margins, and Covamat pre-seeded coir matting was used on the slopes as erosion protection and to provide an attractive vegetated surface in keeping with the residential area. Park Pave grass pavers were used to create a hard-standing area around the access to the pumping areas at Holmburn Crescent and Spean Street. Greenfix's ability to provide a range of solutions to accommodate differing conditions within the one site was key to the successful completion of the project as was attendance on site by Greenfix staff to assist in correct installation. A fully vegetated surface was achieved in the summer after works were completed and the area retains its green appearance and is a refuge for wildlife in the urban environment.



Contractor



GEORGE LESLIE LTD
CIVIL ENGINEERING CONTRACTORS

Client



SEPA
Scottish Environment
Protection Agency