

Fosroc holds back the ocean at Dawlish

Dawlish made the headlines in February 2014 when parts of the railway line were swept away during severe storms. Structures in or near the sea require materials that are resilient enough to withstand the impact of heavy seas, as well as the additional risk of corrosion caused by sea salts.

Fosroc offers a range of solutions that provide protection in the marine environment, including precast admixtures; concrete repair products; and the use of joint sealants and surface coatings. Some of these solutions are currently being used in repairs to the sea wall at Dawlish.

Temporary sea defences were constructed by AMCO when the wall collapsed, and Network Rail has now awarded AMCO the contract to increase the freeboard to the Dawlish lower sea wall, which protects the railway line between Exeter St David's and Newton Abbot stations.

The Dawlish sea wall scheme is using key products from Fosroc to assist in the reconstruction works including Conbextra UW – a free flow / pumped, non-shrink, cementitious grout which can be used underwater or in tidal zones where “wash out” would be a problem with conventional grouts. Fosroc's specialist sealant Nitoseal PU12, designed for use in sea defence works, is being used to seal joints as it offers excellent adhesion under immersed conditions.

Fosroc has been on site frequently to assist AMCO in understanding the products and their usage and also to ensure the contractor team are comfortable in applying the products.



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