



Design
Build
Products
Nursery

High Energy Inter Tidal Solution on the River Exe

Salix's Ready-filled Rock Mattresses provided a solution to flood protection works needed on the River Exe. This quick and cheap approach provided a stable, natural embankment on the high energy intertidal river. Salix was approached to find an ecologically sensitive design solution to replace the traditional gabions and block stone along a stretch of the river.



Salix's pre-filled Rock Mattresses fit the bill perfectly.

This approach was found to be cheap and quick to install and resulted in robust slopes and a natural profile. This was required as the tidal nature of the river reduced the working time to one week in every four.

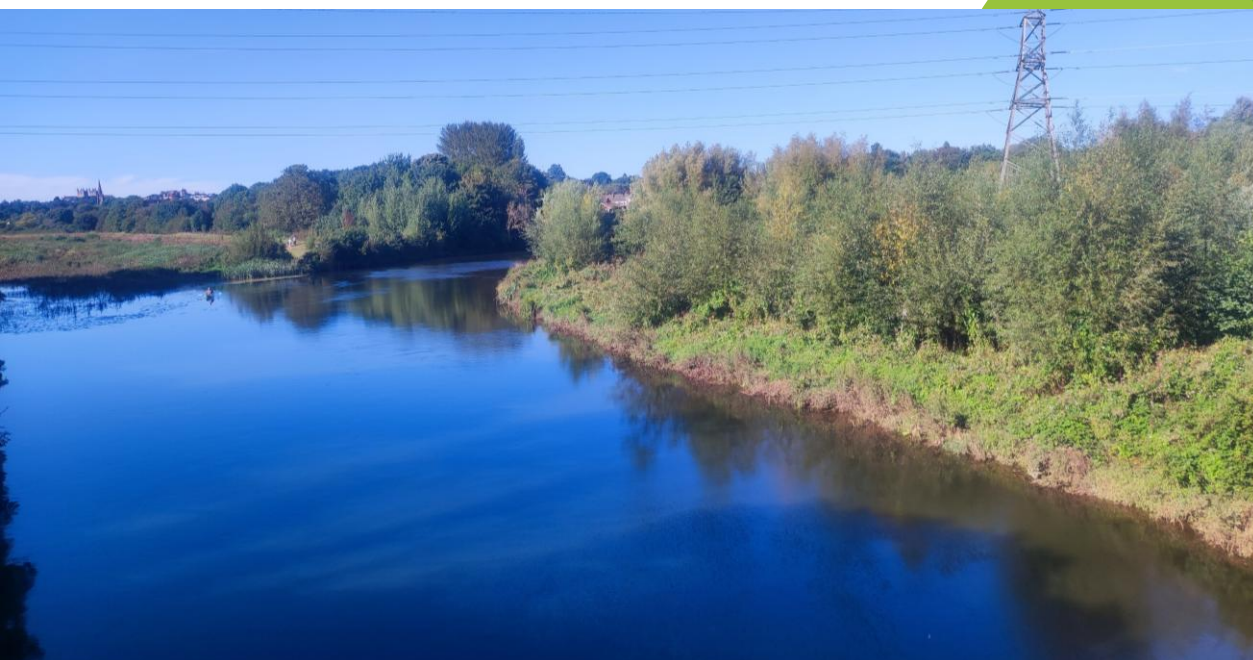
The Rock Mattresses also provide valuable habitat for invertebrates. This encouraged wildlife to thrive without losing the mattresses proven ability to stop erosion in this very dynamic environment. Mulletts were found feeding off the banks within a month of installation, a crucial factor as this stretch of river is important for fishing.

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Salix

The Flood Protection project:

As part of the second phase of the Exeter Flood Protection works, BAM Nuttall installed a new flood compensation area. The original design was modified, reducing the quantity of block stone along the waterline by installing Salix's 250mm deep pre-filled Rock Mattress.



Satisfied customers:

There was a site visit by the Environment Agency and the client's engineer to inspect the work which they found very impressive. They were all full of praise for the fantastic result and the fisheries officer was ecstatic at the sight of the mullet.

BAM Nuttall worked with Salix to achieve savings in time and money to install the system and for the client, it also delivered habitat and environmental value. The impressive results have been widely acclaimed.

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The Salix logo features the word "Salix" in a bold, white, sans-serif font. A small green leaf icon is positioned to the right of the letter "x".