

When the boat comes in - Farne Islands

Location: Inner Farne, Farne Islands

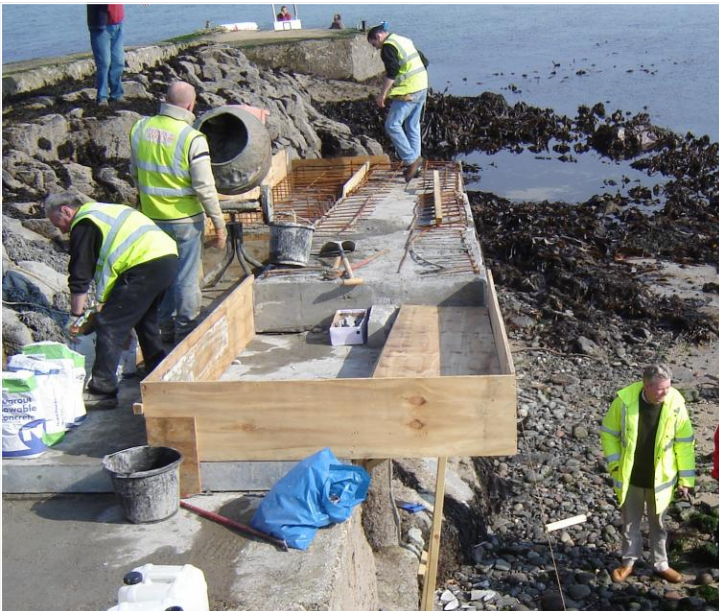
Contractor: Stephen Eastern

Client: National Trust

Project: Repairs To Jetty

Product: Nugrout Flowable Concrete

Stephen Eastern contacted Nufins for a recommendation of product that would involve a deep section topping to be placed on the existing jetty of Inner Farne. This would be undertaken between tides and the product had to resist tidal washout after placement, as well as having a robustness to withstand the tidal and wave action of the North Sea. Since it was impossible to use a traditional ready mix concrete delivery, in excess of 15m³ of a bagged material was required to be ferried over to the island from the mainland along with all other site equipment.



The product selected was **Nugrout Flowable Concrete**, a factory blended free-flowing micro-concrete with cohesive and early strength gain properties. Men, equipment and bags were transported on the Glad Tidings tourist boats from Seahouses harbour (when weather didn't interrupt proceedings).

Fortunately due to the low water/cement ratio of the product, the amount of clean mixing water that was required for the operation was minimised. After Nugrout Flowable Concrete had been poured and finished, tidal water was breaking over it in as little as half an hour!!

The National Trust's structural engineer commented that the use of Nufins material had facilitated the repair contract in a difficult situation; it had been successful and had impressively withstood winter storms and seas.

Now we can all enjoy landing safely on the island once again and hopefully not be savagely attacked by the resident terns!



FOR MORE INFORMATION PLEASE CONTACT US:

Nufins
Kingston House
3 Walton Road
Pattinson North
Washington
Tyne & Wear
NE38 8QA
United Kingdom

t: +44(0)191 416 8360
f: +44(0)191 415 5966
w: www.usluk.com
e: info@usluk.com