



Aerial view



Breakwater repair

Bayonne, France

Being located at the Atlantic coast of France, the harbour of Bayonne is regularly exposed to stormy weather. In the 1960s, a breakwater was erected to protect the entrance channel. It included a wall and also a platform wide enough to accommodate a heavy duty crane used to place and re-position the 40 t concrete blocks that cover the exposed outside of the structure.

For the renewal in 2014, the authorities specified stainless steel and opted for the proven 22 % chromium, 5 % nickel duplex stainless steel grade whose additional molybdenum and nitrogen

contents provide superior corrosion resistance and mechanical properties. As grade EN 1.4462 in the ribbed condition has a minimum yield strength of > 750 MPa, rebar diameters could be reduced, which contributes to the overall economics of the stainless steel solution.

Details

Environment:	Marine
Stainless steel grade:	EN 1.4462
Product type:	Rebar
Dimension:	10 mm and 12 mm Ø
Total quantity:	130 t
Producer or supplier:	Ugitech
More information:	ugitech.com

