

FERRY CAPSTAN WINCH REBUILT WITH BELZONA 1111

ID: 9724



PROBLEM

A capstan used for hauling mooring ropes was over coiling due to an insufficient chamfer. Build up using weld overlay would be prohibitively expensive & time consuming within the timeframe available.

APPLICATION SITUATION

Using the Belzona solution meant the capstans could be rebuilt without possible heat distortion of the substrate

APPLICATION METHOD

The capstans were grit blasted to SA2.5 & minimum 75 microns. Belzona 1111 was then used to build a larger chamfer.

BELZONA FACTS

Belzona 1111's compressive strength was an important consideration in selection for the client.

INDUSTRY

Marine

LOCATION

Scotland, UK

APPLICATION DATE

October 2024

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Carbon steel

PHOTOS

1. Ropes overcoiling
2. Grit blast surface preparation
3. Wetting out the surface
4. Build up of Belzona 1111

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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