

Belzona Repairs Winch Housing on a Ship

ID: 9768

Industry: *Marine*
Application: *SOS-Ships and Offshore Structures*

Customer Location: *NSW Australia*
Application Date: *October 2023*

Substrate: *Bronze*
Products: *Belzona 1111 (Super Metal), Belzona 5831 (ST-Barrier)*

Problem

The base of winch housing was suffering from corrosion, raising concerns sea water would contact critical electrical equipment below.



Winch housing in question



Surface preparation prior to the application of Belzona system



Surface rebuilt with Belzona 1111 (Super Metal)



The rebuilt surface was overcoated with Belzona 5831 (ST-Barrier)

Application Situation

Base of winch housing needed to be rebuilt and coated as there were concerns that sea water will reach critical electrical equipment below.

Application Method

Abrasive blasting was not an option for this repair. Belzona 1111 (Super Metal) and Belzona 5831 (ST-Barrier) were recommended with a minimum required surface preparation of SSPC-SP11.

Belzona Facts

This application was completed onsite by ship contractors in three days, enabling a quick return to service.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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