

Belzona Repair of Floating Marine Fuel Hoses

ID: 9384

Industry: Marine
Application: SOS-Ships and Offshore Structures

Customer Location: South Africa
Application Date:

Substrate: Rubber
Products: Belzona 2111 (D & A Hi-Build Elastomer), Belzona 2131 (D & A Fluid Elastomer), Belzona 2211 (MP Hi-Build Elastomer), Belzona 2911 (Elastomer QD Conditioner), Belzona 2921 (Elastomer GP Conditioner)

Problem

Belzona was selected based on our ability to effectively repair hoses damaged by ship strikes and adverse weather conditions. If left unrepaired, these hoses face condemnation, with replacement costs averaging approximately €50,000 per section



Hoses being prepared ready for Application in progress repair

Repair area

Example of a complete hose repair

Application Situation

These buoyant marine fuel hoses are tailored for fuel bunkering customers who use these robust rubber floating hoses for unloading fuels from vessels destined for transportation to tank farms and refineries. Repair of these hoses using Belzona solutions is advantageous to the customer due to the cost savings on repair of damaged hoses, versus the high cost of replacement.

Application Method

Upon completion of surface preparation, a Belzona Elastomer conditioner was applied to all surfaces that the Belzona 2000 Series product was to be bonded on to. Belzona 2111, Belzona 2131 and Belzona 2211 incorporating Belzona 9341 were then used to repair the hoses.

Belzona Facts

Through the expertise of the local distributor, comprehensive repair of both the outer and inner strings can be completed within a week-long docking period, aligning with the annual hose inspection docking. This process ensures minimal downtime for the end client. The entire strings of hoses can be repaired at less cost than the replacement of one section.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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

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manufactured under an ISO
9000 Registered Quality
Management System.

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