BELZONA REPAIR OF FLOATING MARINE FUEL HOSES

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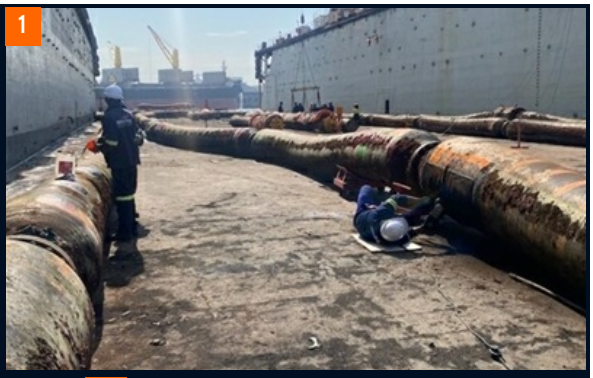
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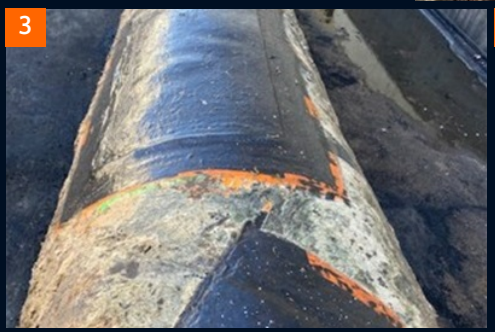
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PROBLEM

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

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.

INDUSTRY

Marine

LOCATION

South Africa

APPLICATION DATE

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)

SUBSTRATE

Rubber

PHOTOS

1. Hoses being prepared ready for repair
2. Application in progress
3. Repair area
4. Example of a complete hose repair

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