

Belzona keeps the hose floating

ID: 8065

Industry: Oil & Gas
Application: SOS-Ships and Offshore Structures

Customer Location: Ghana
Application Date: April 2019

Substrate: Rubber
Products: * Belzona 2111 (MP Hi-Build Elastomer) ,
* Belzona 2911 (MP Fluid Elastomer) ,
* Belzona 9341 (Reinforcement Tape) ,

Problem

The offloading hose used to carry petroleum products from offshore to the shore had cuts caused by debris in the sea, contact with passing boats and marine life.



Photograph Descriptions

- * Damaged Area ,
- * Surface Preparation ,
- * Degreasing & removing debris ,
- * Completed repair ,

Application Situation

Surface cuts of floating hoses. The hoses have been brought out of the water into a courtyard for repair due to the damage.

Application Method

Belzona repairs of the floating flexible hose were carried out in accordance with Belzona Know-How System Leaflet SOS – 12. Floating hose surface was prepared using mechanical tools to attain a surface roughness. Belzona 9111 Degreaser/ cleaner was used to clean and removed debris from the substrate surface and left to dry. Belzona 2911 conditioner was applied unto the substrate for bonding and allowed to become touch dry, Belzona 2111 was then applied to rebuild the external cut on the flexible/rubber hose. Belzona 9341- reinforcement Tape was used with Belzona 2111(MP Hi-Build Elastomer)

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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9000 Registered Quality
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Belzona Facts

As the damage to the hose is only on the outer layers, the hose still has structural integrity - therefore the customer wanted to avoid unnecessary replacement, which carries a greater cost and lead time than the Belzona repair. The Belzona repair was carried out and fully cured within 24 hours, allowing the hose to go back into service quickly.

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