

# BELZONA REPAIRS FLOATING HOSES

ID: 3640

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

Customer Location: *Port authority, Wilhelmshaven, Germany*  
Application Date: *March 2011*

Substrate: *Rubber*  
Products: *\* Belzona® 2911 (Elastomer QD Conditioner),*  
*\* Belzona® 2211 (MP Hi-Build Elastomer),*

## Problem

*Dredger damage to the floating hoses.*



## Photograph Descriptions

- \* Close-up of damage ,
- \* Surface preparation roughening ,
- \* Completed application including use of stainless steel screws to hold the repair in place ,
- \* Performance test (24 hours) ,

## Application Situation

6 floating hoses

## Application Method

The repair was carried out using a modified version of SOS-12. Surface preparation consisted of roughening the surfaces prior to the application of Belzona® 2911. A rubber mat was bonded over the damaged area with Belzona® 2211, using stainless steel screws to hold the repair in place.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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## Belzona Facts

The floating hoses were in use at the port and were to be transported to Odessa, Ukraine, for another project. During dredging damage was caused to the outer skin. Only five days were available to repair 6 floating hoses, a replacement was not available. A new hose would have cost 60,000 EURO. In order to meet the strict deadline a specialist company was sought to undertake the repair and prevent future problems associated with the project. As a result of previous co-operation and many years of experience within the marine and dredging industry the Belzona distributor was recommended to undertake the repair. Following 24 hours after the repair comprehensive performance tests were undertaken; the Belzona repair passed successfully.

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