

# Belzona Repairs Flange Surface of a Floating Hose

ID: 8069

Industry: Oil & Gas  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Steel  
Products: \* Belzona 1212 ,  
\* Belzona 9111 (Cleaner Degreaser) ,

Customer Location: Ghana  
Application Date: April 2019

## Problem

*The neck of the floating hose leading to the flange area is suffering from severe pitting due to the corrosive and erosive sea water environment, several mm of steel has been lost.*



## Photograph Descriptions

- \* Overview of the damaged area ,
- \* Surface preparation ,
- \* Defect area marked out and debris removed ,
- \* Completed application ,

## Application Situation

End flanges of a floating hose are subjected to a severely corrosive and erosive environment at sea. The hose has been brought back to shore for routine maintenance.

## Application Method

Application was achieved out in accordance with Belzona Know How System Leaflet VPF – 9. The surface of the flange (defect area) was properly prepared with the bristle blaster surface preparation tool to achieve adequate surface roughness and Sa 2.5 cleanliness. Belzona 9111 was used to remove any debris from the flange defect area after the surface was successfully prepared and allowed to dry. Belzona 1212, excellent surface tolerant product was applied to rebuild to a desired shape and form.

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  
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9000 Registered Quality  
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## Belzona Facts

A quick reliable repair was required, other than replacement. Belzona 1212 was chosen due to it's fast curing time, which enabled the hose to be returned to service on schedule. Belzona solutions was chosen for its track record and previous successes with the customer.

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