

## BELZONA REPAIRS FLANGE SURFACE OF A FLOATING HOSE

### CUSTOMER

Ghana

### APPLICATION DATE

April 2019

### 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.

### PROBLEM

The neck of the floating hose leading to the flange area was suffering from severe pitting due to the corrosive and erosive sea water environment, several millimeters of steel had been lost.

### PRODUCTS

Belzona 1212

Belzona 9111 (Cleaner Degreaser)

### SUBSTRATE

Steel

### 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.

### BELZONA FACTS

A quick reliable repair was required, other than replacement. Belzona 1212 was chosen due to its fast cure 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.

### PICTURES

1. Overview of the damaged area
2. Surface preparation
3. Defect area marked out and debris removed
4. Completed application



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



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