

# BELZONA ELIMINATES MATING SURFACE CORROSION

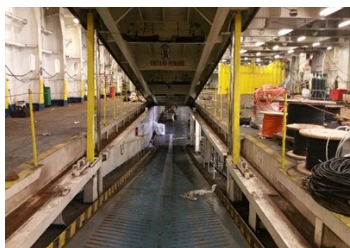
ID: 6031

Industry: *Marine*  
Application: *GSS-Gaskets, Seals and Shims*  
Substrate: *Carbon steel*  
Products: *Belzona 1161 (Super UW-Metal), Belzona 5831 (ST-Barrier)*

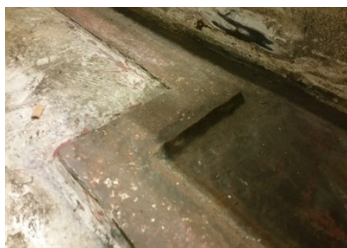
Customer Location: *Naples, Italy*  
Application Date: *February 2016*

## Problem

*Severe corrosion of the mating surfaces led to the loss of metal. As a result, the gasket between the floor and the cover didn't work properly.*



General view of the garage



Damaged sealing area



Belzona 1161 used to rebuild the damaged area



Repair overcoated with Belzona 5831 for corrosion protection

## Application Situation

Garage cover on a passenger ship needed attention.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet GSS-8. Surface preparation was carried out by grinding. The pitted and eroded areas were rebuilt using Belzona 1161. The plates were then protected with a coat of Belzona 5831.

## Belzona Facts

Belzona solved a serious corrosion problem for good. Sand blasting is typically not an option in the marine environment, therefore materials that can be applied onto contaminated manually prepared surfaces offer a much needed alternative.

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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