

BELZONA ELIMINATES MATING SURFACE CORROSION

ID: 6031

Industry: *Marine* Customer Location: *Naples, Italy*
Application: *GSS-Gaskets, Seals and Shims* Application Date: *February 2016*
Substrate: *Carbon steel*
Products: *Belzona 1161 (Super UW-Metal), Belzona 5831 (ST-Barrier)*

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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