

Belzona Restores and Protects Flange Face

ID: 7974

Industry: Marine
Application: VPF-Valves, Pipes and Fittings
Substrate: Aluminium
Products: * Belzona 1161 (Super UW-Metal) ,
* Belzona 5831 (ST-Barrier) ,

Customer Location: La Spezia, Italy
Application Date: November 2016

Problem

The problem here was that two different metals were situated next to each other causing heavy galvanic corrosion. The customer would have had to replace the whole system if he hadn't used the Belzona solution.



Photograph Descriptions

- * 1. Flange before application ,
- * 2. View after surface preparation ,
- * 3. Flange face rebuilt with Belzona 1161 ,
- * 4. Flange fully restored and coated with Belzona 5831 ,

Application Situation

Flange face restored due to the effects of galvanic corrosion.

Application Method

A modified version of Belzona system leaflet VPF-13 was used to carry out this application. Surface preparation was carried out with an MBX bristle blaster, the flange face was reformed and built back up in various steps with Belzona 1161. Belzona 5831 was then used to coat the whole flange face to the preexisting internal tube.

Belzona Facts

Within 3 days the whole flange face was restored and was back in full working order, allowing for a quick return to service for the customer.

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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