

BELZONA SEALS AIR COOLER COVER

ID: 8389

Industry: Marine
Application: HEX-Heat Exchangers
Substrate: Steel
Products: * Belzona 2911 (QD Conditioner) ,
* Belzona 2211 (MP Hi-Build Elastomer) ,

Customer Location: Ship Repair Workshop, Turkey
Application Date: September, 2020

Problem

Due to the design of the Air Cooler, the gasket under the cover could not be changed. Over time and vibrations of Cooler, the deformed gasket lost its sealing and caused the performance of Air Cooler to decrease.



Photograph Descriptions

- * 1. Leaking Area ,
- * 2. Defining the application Area ,
- * 3. Filling between cover and case with Belzona 2211. ,
- * 4. After the application finished. ,

Application Situation

Air Cooler Cover Connection Line

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-13b. Application area preparation has done as abraded by hand tools in workshop. All surfaces were thoroughly cleaned. Belzona 2911 Primer has been applied as thin coat. Then the leaking area of Air Cooler Cover filled and coated with Belzona 2211 MP Hi-Build Elastomer to provide seal air and seawater.

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
manufactured under an ISO
9000 Registered Quality
Management System.

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Belzona Facts

Air Cooler did not allow the gasket under the cover to be changed due to its design. This made the missing seal difficult to repair. Belzona was the only alternative that could seal from the outside to withstand vibrations.

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