

BELZONA SEALS AIR COOLER COVER

CUSTOMER

Ship Repair Workshop, Turkey

APPLICATION DATE

September, 2020

APPLICATION SITUATION

Air Cooler Cover Connection Line

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.

PRODUCTS

Belzona 2911 (QD Conditioner)

Belzona 2211 (MP Hi-Build Elastomer)

SUBSTRATE

Steel

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.

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.

PICTURES

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



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

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