

# BELZONA REBUILT HEAT EXCHANGER COVER

ID: 1283

Industry: Marine  
Application: HEX-Heat Exchangers  
Substrate: Cast Iron  
Products: \* Belzona® 1111 (Super Metal) ,

Customer Location: Ship Dockyard, Bulgaria  
Application Date: June, 2008

## Problem

*Damage on the original profile of the cooler top-cover due to erosion/corrosion, led to leaks and loss of efficiency.*



## Photograph Descriptions

- \* Damage to top-cover clearly evident ,
- \* Formers were used to restore profile ,
- \* Repair of top-cover flange face in progress ,
- \* Finished repair ,

## Application Situation

Top-cover of heat exchanger

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet HEX-2. After blasting the damaged area and flange surfaces of the top-cover were restored by forming technique and Belzona® 1111.

## Belzona Facts

Cost effective and quick method of rebuilding and contouring of the original cooler top-cover profile. Belzona repair fully restored the efficiency of heat exchanger. Significant cost saving to the customer as alternative was equipment replacement.

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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