

# BELZONA REPAIR AND PROTECTION OF REFRIGERANT COMPRESSOR

ID: 146

Industry: *Marine*  
Application: *FBC-Fans, Blowers and Compressors*

Customer Location: *Dockyard, France*  
Application Date: *1995*

Substrate: *Aluminum*  
Products: *\* Belzona® 1111 (Super Metal) ,*  
*\* Belzona® 1321 (Ceramic S-Metal) ,*

## Problem

*Severe erosion-corrosion particularly around flange faces, mainly by bimetallic corrosion.*



## Photograph Descriptions

- \* The degree of metal wastage clearly evident ,
- \* Profiles rebuilt with Belzona® 1111 ,
- \* Complete protection provided by Belzona® 1321 coating ,

## Application Situation

Intercooler unit on a tugboat

## Application Method

Application was carried out in accordance with Belzona System Leaflets FBC-2 and FBC-5.

## Belzona Facts

Units fully restored and protected without resorting to welding.

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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