

# Belzona Restores And Protects Jet Tubes From Erosion

ID: 8290

Industry: Marine  
Application: SOS-Ships and Offshore Structures

Customer Location: Greece  
Application Date: June 2020

Substrate: Mild Steel  
Products: \* Belzona 1311 (Ceramic R-Metal) ,  
\* Belzona 1341 (Supermetalgilde) ,

## Problem

The 4 Jet Tubes presented severe pitting and cracking, due to erosion and cavitation. This existing paint system has failed locally, leading to metal loss and cracks.



## Photograph Descriptions

- \* Initial State Of Jet Tubes ,
- \* Jet Tubes Blasted to Sa 2,5 ,
- \* Belzona 1341 Applied ,
- \* Jet Tubes Before and After Application of Belzona System ,

## Application Situation

High Speed Passenger Ferry Jet Tubes

## Application Method

Application is carried out in accordance with Belzona Know-How System Leaflets SOS-1 & 2. Surface was prepared according to ISO 8501-1 Sa 2,5. All the areas suffering from pitting, cracking and metal loss, were rebuilt with Belzona 1311. Finally, two coats of Belzona 1341 were applied to the whole internal surface of the Jet Tubes, in order to provide erosion protection & water flow

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

The customer was having severe problems, due to the inability of the existing paint systems to provide erosion and cavitation protection. Belzona application was introduced to the customer from another Shipping Company, who were completely satisfied with the same application in one of their vessels.

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