

# Belzona Coated Ship Scrubber Pipes Revisited After Two Years In Service

ID: 8845

Industry: Marine  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Steel  
Products: \* Belzona 1391T ,

Customer Location: RO – RO SHIP, TURKEY  
Application Date: August, 2020

## Problem

The corrosive and harsh environment of Exhaust Scrubber line fluid caused damage on internal steel pipe surfaces.



## Photograph Descriptions

- \* 1. Scrubber pipe without any protective coating ,
- \* 2. After applied first coat of Belzona 1391T ,
- \* 3. After applied second coat of Belzona 1391T ,
- \* 4. Checked the condition of the pipes after 2 years of service ,

## Application Situation

Pipes part of the exhaust scrubber line required protection

## Application Method

The application was carried out in accordance with Belzona System Leaflet VPF-02 and TCC-05. The surface was prepared and cleaned. Two layers of Belzona 1391T were applied to coat the internal surface of the steel pipe for protection against further corrosion and cavitation damage. After completion of the coating application, post cure has been applied according to the IFU.

## Belzona Facts

In the corrosive environment of exhaust scrubber lines, Belzona coatings offer protection against corrosion/erosion. The danger of

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
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damage and perforation on steel transition pipes was eliminated.

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