

BELZONA 2141 PROTECTS SHIPS RUDDER AGAINST CAVITATION

ID: 2160

Industry: *Marine*
Application: *SOS-Ships and Offshore Structures*

Customer Location: *Military Sealift Command, USA*
Application Date: *2004*

Substrate: *Carbon Steel*
Products: ** Belzona® 2141 (ACR-Fluid Elastomer),*

Problem

Cavitation erosion occurring on lower section of the rudder.



Photograph Descriptions

- * The ship at sea ,
- * Surface preparation ,
- * After the application of Belzona 2141 ,
- * Another view of the rudder after the application of Belzona 2141 ,

Application Situation

Rudder on American Marines ship.

Application Method

Application was carried out in accordance with Belzona System Leaflet SOS-2.

Belzona Facts

The Belzona coating 2141 was successfully tested in the ARL Penn State cavitation channel and is now registered in specifications for rudder protection. Belzona 1341 has been included as the first coat in the latest specifications as it has been shown to enhance the cathodic disbondment resistance of the system.

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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