

BELZONA 2141 PROTECTS SHIPS RUDDER AGAINST CAVITATION

ID: 2160



PROBLEM

Cavitation erosion occurring on lower section of the rudder.

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.

INDUSTRY

Marine

LOCATION

Military Sealift Command, USA

APPLICATION DATE

2004

PRODUCTS

Belzona 2141 (ACR-Fluid Elastomer)

SUBSTRATE

Carbon Steel

PHOTOS

1. The ship at sea
2. Surface preparation
3. After the application of Belzona 2141
4. Another view of the rudder after the application of Belzona 2141

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

