

BELZONA® 2141 PROTECTS SHIPS RUDDER AGAINST CAVITATION

CUSTOMER

Military Sealift Command, USA

APPLICATION DATE

2004

APPLICATION SITUATION

Rudder on American Marines ship.

PROBLEM

Cavitation erosion occurring on lower section of the rudder.

PRODUCTS

Belzona® 2141 (ACR-Fluid Elastomer)

SUBSTRATE

Carbon Steel

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.

PICTURES

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

1.



2.



3.



4.



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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