

BELZONA REPAIRS AND PROTECTS BOW THRUSTER

ID: 7744



PROBLEM

The bow thruster body was showing severe erosion and corrosion damage due to the marine environment.

APPLICATION SITUATION

Bow thruster body of a container ship. A bow thruster of a ship is added to make it more maneuverable.

APPLICATION METHOD

The application was carried out in accordance with the Belzona-Know-How System Leaflet SOS-1 and SOS-2.

BELZONA FACTS

Ship was scheduled to leave the dry dock within 2 days. Immediately following surface preparation, Belzona 1111 (Super Metal) was applied to repair the pitted surface. A great advantage of Belzona 1321 (Ceramic S-Metal) is that it can be applied within a few hours on top of Belzona 1111 (Super Metal), without the need for further surface preparation. The work was completed within 5 hours. Belzona 1321 (Ceramic S-Metal) has a relatively short curing time until it is suitable for immersion, giving an added advantage, as it allowed a quick return to service.

INDUSTRY

Marine

LOCATION

Shipyards, Yalova, Turkey

APPLICATION DATE

March 2018

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cast Steel

PHOTOS

1- Severe damage clearly visible on bow thruster body.

2- Close-up view after successful grit blasting.

3- Repair of damaged surface with Belzona 1111 (Super Metal).

4- Coating of the surface with Belzona 1321 (Ceramic S-Metal).

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.

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