

BOW THRUSTER TUNNELS REPAIRED AND PROTECTED WITH BELZONA

CUSTOMER

Shipyards, TURKEY

APPLICATION DATE

Oct-20

APPLICATION SITUATION

Bow Thruster Tunnels of Ro-Ro Vessel

PROBLEM

Bow thruster tunnels surface has been damaged and metal loss occurred due to high cavitation environment of propeller projection area.

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Steel

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets SOS-01 and SOS-02. Application surface was prepared with SA2.5 grit blasting by shipyard. Then the surface has been cleaned. Belzona 1311 was used to repair severely damaged surface. Belzona 1321 was applied on the propeller projection area to provide protection for future erosion-corrosion damages.

BELZONA FACTS

Repairing damaged surfaces with Belzona is faster and cheaper than traditional methods. Belzona coating offers durable protection against seawater erosion/corrosion and cavitation environment. Belzona coatings extend the working life of the bow thruster tunnels.

PICTURES

1. Bow Thruster Tunnels
2. Application of Belzona 1311 for Repairs
3. Application of Belzona 1321 Coating
4. Cured Belzona 1321 Sponge Tested



1.



2.



3.



4.

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

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