

BELZONA REPAIRS CAVITATION DAMAGE ON CARGO SHIP

ID: 8298



PROBLEM

High cavitation damage under the stern flange of the propeller shaft

APPLICATION SITUATION

Area under the propeller shaft flange of a Cargo Ship

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How system Leaflet SOS-01. Application surface prepared with grit blasting to achieve SA2½. Surface then cleaned with Belzona 9111. Belzona 1311 was used to repair the damaged surface.

BELZONA FACTS

Repair with welding is time consuming and may not be a definitive solution. Repair of the damaged area with Belzona provides easier, faster and protective solution against cavitation damages.

INDUSTRY

Marine

LOCATION

Shipyards, TURKEY

APPLICATION DATE

August 2019

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 9111 (Cleaner Degreaser)

SUBSTRATE

Steel

PHOTOS

1. Cavitation damage surface
2. After surface preparation
3. Application of Belzona 1311
4. After Belzona application

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

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