

BELZONA REBUILDS SEAWATER FILTER FLANGES

ID: 8155



PROBLEM

Pitted surface and metal loss due to erosion and corrosion on the seawater filter flange.

APPLICATION SITUATION

Seawater filters of a container ship.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets VPF-01, VPF-13. Surface was prepared for mechanical bonding and surface was cleaned with Belzona 9111. Immediately following surface preparation, Belzona 1111 was applied to the surface with stiff brush. Then flange surface was recreated with applicator.

BELZONA FACTS

Alternative for repairing the flange surfaces is replacement of the flange. Flange replacement will be very costly and time consuming. Another alternative is welding. Welding and machining of the flange surface at workshop is costly and time consuming. Belzona in situ solution for the rebuilding of the damaged areas and prevention of further corrosion was the quick and low cost effective solution.

INDUSTRY

Marine

LOCATION

Shipyards, ISTANBUL, TURKEY

APPLICATION DATE

August 2019

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 9111 (Cleaner & Degreaser)

SUBSTRATE

Steel

PHOTOS

1. Erosion and corrosion damage on the flange.
2. After surface preparation.
3. Application of Belzona 1111 (Super Metal) with applicator.
4. After Belzona application.

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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