

BELZONA BOND HATCH FLANGES

ID: 7528



PROBLEM

Hot work was not permitted on the vessel, so Belzona were approached to use cold bonding as an alternative to welding the hatches.

APPLICATION SITUATION

The manway hatches on this vessel had suffered from corrosion damage and began to disbond from the deck.

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflet GSS-8. Blasting and grinding was not permitted on the vessel, so a Bristle Blaster was used to prepare the surface and the hatches taken off-site and grit blasted.

BELZONA FACTS

Belzona was selected because it was the only product that could cold bond the flanges in place with no hot work, solving the problem with minimal downtime and no safety concerns.

INDUSTRY

Marine

LOCATION

Cape Town, South Africa

APPLICATION DATE

September 2017

PRODUCTS

Belzona 1111 (SuperMetal)

SUBSTRATE

Mild Steel

PHOTOS

1. Damaged Hatch Flanges
2. Flanges removed and prepared
3. Hatch rebonded onto the vessel with Belzona 1111
4. Scope of work, all hatches were rebonded.

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

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under an ISO 9001 Registered
Quality Management System.

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