

# BELZONA BOND HATCH FLANGES

ID: 7528

Industry: Marine  
Application: GSS-Gaskets, Seals and Shims  
Substrate: Mild Steel  
Products: \* Belzona 1111 (SuperMetal) ,

Customer Location: Cape Town, South Africa  
Application Date: September 2017

## Problem

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



## Photograph Descriptions

- \* Damaged Hatch Flanges ,
- \* Flanges removed and prepared ,
- \* Hatch rebonded onto the vessel with Belzona 1111 ,
- \* Scope of work, all hatches were rebonded. ,

## 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.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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9000 Registered Quality  
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