

## BELZONA BOND HATCH FLANGES

### CUSTOMER

Cape Town, South Africa

### APPLICATION DATE

September 2017

### APPLICATION SITUATION

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

### PROBLEM

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

### PRODUCTS

Belzona 1111 (Super Metal)

### SUBSTRATE

Mild Steel

### APPLICATION METHOD

Application was carried out in accordance with Belzona Know-how 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.

### PICTURES

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



1.



2.



3.



4.

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



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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