

# Plate bonding in marine bulkhead

ID: 9185

Industry: *Marine*  
Application: *TCC-Tanks and Chemical Containment Areas*  
Substrate: *Carbon steel*  
Products: *Belzona 1111 (Super Metal)*

Customer Location: *Scotland*  
Application Date: *March 2020*

## Problem

*An area of corrosion had led to wall thinning on a bulkhead. Welding was undesirable due to the confined space & close proximity of fuel.*



Belzona 1111 applied to plate



Substrate wet out



Plate applied to the corroded area



Overview of installation area

## Application Situation

The application was completed in 1 day with minimal hazard to the crew onboard.

## Application Method

The area was prepared with an MBX Bristle blaster. Belzona 1111 was then used to wet out the substrate & the plate. The plate was then pushed into position to reinforce the corroded area.

## Belzona Facts

The Belzona repair saved time & reinforced the area long term

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

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