

# BELZONA PROTECTION TO FLANGE EDGES ON GLASS LINED PROCESS VESSELS

ID: 4735

Industry: Chemical & Petrochemical  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Mild Steel  
Products: \* Belzona 1392 (Ceramic HT2),

Customer Location: Chemical Plant, South Wales, UK  
Application Date: 2012

## Problem

External flange edge corrosion preventing correct sealing of the vessels.



## Photograph Descriptions

- \* Preparation of habitat, product and equipment prior to coating procedure ,
- \* Substrate condition following grit blast preparation ,
- \* Completion of first coat colour coded grey ,
- \* Completion of second coat colour coded red ,

## Application Situation

Glass lined process vessels used in the manufacturing process.

## Application Method

Application was carried out in accordance with Belzona System Leaflet TCC-3. Specific attention had to be given to the grit blasting and application to ensure damage was not caused to glass lining. The coating must align perfectly to the full circumference of the glass lining in the vessel.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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## Belzona Facts

Sister plant in Kentucky use Belzona for same application. Following detailed discussions with the client the Belzona 1392 was selected for the application and a full turnkey application service offered to ensure application met the stringent requirements. Belzona has provided an extremely cost effective solution by reducing down-time and extending the longevity of the asset life. The application is now specified when new or refurbished glass lined vessels are ordered.

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