

# BELZONA SOLVES HOLED TANK & HANDRAIL PROBLEM

ID: 821

Industry: *Chemical & Petrochemical*  
Application: *TCC-Tanks and Chemical Containment Areas*  
Substrate: *Steel*  
Products: *Belzona® 1111 (Super-Metal)*

Customer Location: *Chemical Manufacturer (Chromium), UK*  
Application Date: *May 2005*

## Problem

*General corrosion on this old chemical tank had left a hole at the top under a handrail support.*



## Photograph Descriptions

\* View of corroded area. , \* Surface preparation ongoing. , \* Rebuilding with Belzona® 1111. , \* The completed repair. ,

## Application Situation

Holed chemical tank & corroded handrail support.

## Application Method

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet TCC-5. After a preparation involving needle-gunning & abrading a support plate was bonded onto the underside of the repair area using Belzona® 1111. Once this had cured the whole area was then rebuilt using Belzona® 1111 incorporating reinforcing sheet.

## Belzona Facts

No hot work was allowed when the tank was in use so the customer originally wanted the repair to last to the next shutdown in 9 months at which time they planned to carry out a fabrication repair. After inspection during the shutdown they decided the Belzona repair was sound & a fabricated repair was not necessary.

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.

[www.belzona.com](http://www.belzona.com)

**BELZONA**  
Repair • Protect • Improve