

# Belzona repair erosion/corrosion damage to Absorber

ID: 4361

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas

**Customer Location:** Chemical Plant - Northwest UK  
**Application Date:** June 2010

**Substrate:** Carbon Steel  
**Products:** \* Belzona 1121 (Super XL Metal) ,  
\* Belzona 1391 (Ceramic HT) ,

## Problem

Extensive damage to equipment caused by erosion corrosion issues.



## Photograph Descriptions

- \* Bubbler Hood post blasting ,
- \* Bonding of plates using Belzona 1121 ,
- \* Bonding of new dome piece ,
- \* Overcoating of application using Belzona 1391 ,

## Application Situation

Carbon Steel Bubbler Hood

## Application Method

This application was carried out with a modified version of Belzona Know-How System Leaflet TCC-5. After surface preparation was completed by grit blasting Belzona 1121 was used utilising its extended working life to bond the large contoured plates to damaged area then Belzona 1391 was applied to give maximum protection to process conditions.

## Belzona Facts

The only other solution would to have replaced with new equipment incurring huge costs in craneage, downtime and manpower. Belzona provided a satisfactory long term solution with minimal downtime.

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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