

# BELZONA PLATE BONDING REPAIRS TO REACTION TANK

ID: 5624

Industry: Food & Drink

Customer Location: Food & Drink Industry, Nutrition Product  
Manufacturer, Scotland

Application: TCC-Tanks and Chemical Containment  
Areas

Application Date: May 2015

Substrate: Mild Steel

Products: \* Belzona 1111 (Super Metal) ,  
\* Belzona 1321 (Ceramic S-Metal) ,

## Problem

Due to the access and geometry of the areas, traditional methods of repair would be problematic. A weld repair also had the potential to damage the internal lining of the tank.



## Photograph Descriptions

- \* Tank with scaffold erected ,
- \* Thin wall area ,
- \* & 4. Plate bonded and overcoated ,

## Application Situation

Tank experiencing external corrosion due to rainwater sitting around the lower edges of the outer wall. The external paint system had failed and the tank was going thin wall in places.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-1. After preparing the area, plates were bonded in place using Belzona 1111 before being overcoated with Belzona 1321 to provide corrosion protection.

## Belzona Facts

The repairs were carried out in a day & a half during the customer's shutdown period. They were cured in time for their startup the week after.

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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