

# PICKLE TANK REPAIRED USING BELZONA PLATE BONDING

ID: 5172

Industry: General Industry

Customer Location: Automotive Parts Manufacturer, South Wales, UK

Application: TCC-Tanks and Chemical Containment Areas

Application Date: June 2014

Substrate: Steel with unidentified coating liner

Products: \* Belzona 4301 (Magma CR1 Hi-Build) ,  
\* Belzona 4311 (Magma CR1) ,

## Problem

Corrosion issues prompted the Client to seek a cost effective solution to seal an internal-to-external drainage outlet. A swift application was required to eliminate any uncontrolled discharges of the acid to the internal working area.



## Photograph Descriptions

- \* Tank location ,
- \* Pre-start ,
- \* Area preparation & pre-coated plate ,
- \* Application completed ,

## Application Situation

Pickle tank containing 36% Hydrochloric acid, used in the process of decontaminating manufactured car parts through a system of wash baths.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-3. A mild steel plate, coated one side with Belzona 4311, was manufactured prior to attending site. The plate was bonded in place using Belzona 4301 and the edges sealed with further application of Belzona 4311.

## Belzona Facts

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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The Client required a quick, cost effective solution which did not prolong the plant/equipment downtime longer than necessary. The Client was very satisfied and committed to a second application on a neighbouring tank some weeks later.

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