

# 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  
FS 695214  
ISO 14001:2015  
EMS 695213

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manufactured under an ISO  
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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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