

## PICKLE TANK REPAIRED USING BELZONA PLATE BONDING

### CUSTOMER

Automotive Parts Manufacturer, South Wales, UK

### APPLICATION DATE

June 2014

### APPLICATION SITUATION

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

### 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.

### PRODUCTS

Belzona 4301 (Magma CR1 Hi-Build)

Belzona 4311 (Magma CR1)

### SUBSTRATE

Steel with unidentified coating liner

### 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

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.

### PICTURES

1. Tank location
2. Pre-start
3. Area preparation & pre-coated plate
4. Application completed



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