

# Belzona Repairs Corroded Lime Tank

ID: 7545

**Industry:** General Industry  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Carbon Steel  
**Products:** \* Belzona 1121 (Super XL Metal) ,  
\* Belzona 5811 (Immersion Grade) ,

**Customer Location:** Motor Manufacturer - Sunderland UK  
**Application Date:** July 2017

## Problem

The tank was suffering from corrosion problems around the outer lower sections of the tank. In addition to this, there was also corrosion to the base of the smaller inner tank.



## Photograph Descriptions

- \* 1) Lime Tank Structure ,
- \* 2) Corroded area detail ,
- \* 3) Corroded area around the inner tank ,
- \* 4) Finished application ,

## Application Situation

Customer had a 25 year old lime holding tank

## Application Method

Application was carried out in accordance with a modified version of Belzona System Leaflet TCC-5. Corrosion along the base was removed via grit blasting then plates were bonded in place to reinforce the steel work. Belzona 5811 was then applied to protect against further corrosion.

## Belzona Facts

The plant had a 2 week summer shutdown in which the repairs needed to be completed. To replace the tanks was expensive and the lead time would exceed this 2 week period. Belzona was more cost-effective and completed within 5 days.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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