

# Belzona Rebuilds and Protects a Sulphuric Acid Tank

ID: 7900

Industry: *General Industry*  
Application: *TCC-Tanks and Chemical Containment Areas*

Customer Location: *France*  
Application Date: *2017*

Substrate: *Mild Steel*

Products: *\* Belzona 1121 (Super XL-Metal) ,  
\* Belzona 4311 (Magma CR1) ,*

## Problem

*Due to the high concentration of sulphuric acid contained in this storage tank (98%), the walls were severely corroded, causing an unn loss of thickness.*



## Photograph Descriptions

- \* Before surface preparation ,
- \* After surface preparation ,
- \* Final application ,
- \* Final application ,

## Application Situation

Corrosion on the internal side of a storage tank containing sulphuric acid.

## Application Method

The inside of the tank was first grit blasted, then Belzona 1121 was used to recover the loss of thickness. Then Belzona 4311 was used to protect the whole internal surface of the tank against sulphuric acid. This application was carried out in accordance with a modified version of Belzona Kow-How System Leaflet TCC-05.

## Belzona Facts

The benefit for the customer here was the long-term protection against an aggressive chemical which would eventually cause the tank to leak.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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