

# BELZONA REPAIRS EBONITE LINING IN ACID STORAGE TANK

ID: 1571

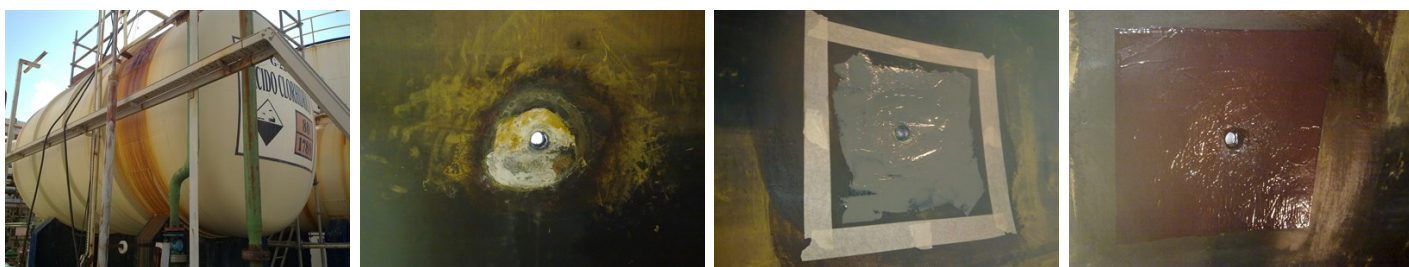
Industry: *General Industry*  
Application: *TCC-Tanks and Chemical Containment Areas*

Customer Location: *Chemical manufacturer, Cataluña, Spain*  
Application Date: *October 2010*

Substrate: *Ebonite*  
Products: *\* Belzona® 4301 (Magma CR1 Hi Build) ,*  
*\* Belzona® 4311 (Magma CR1) ,*

## Problem

*The Ebonite coating in a tank containing 26%Hydrochloric acid had localised damage (cracks, grooves, seam failures, adhesion problems) due to the acid contents of the tank.*



## Photograph Descriptions

- \* Outer view of the tank to be repaired ,
- \* Damaged area of Ebonite ,
- \* Local rebuilding of ebonite with Belzona® 4301 after surface preparation ,
- \* Ebonite coated with Belzona® 4311 ,

## Application Situation

Producer of Caustic soda using Electrolysis process.

## Application Method

The application was carried out according to the Belzona Know-How System Leaflet TCC-2.

## Belzona Facts

The Belzona products allowed a short downtime for the tank, with easy and in-situ application, without needing to replace the whole ebonite coating, and with a minimum cost compared to the substitution of the existing coating.

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.

[www.belzona.com](http://www.belzona.com)

**BELZONA**  
Repair • Protect • Improve