

# BELZONA REPAIRS EBONITE LINING IN PROCESS VESSEL

ID: 3414

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Ebonite and steel  
**Products:** \* Belzona® 4301 (Magma CR1 Hi-Build),

**Customer Location:** International chemical company, Spain  
**Application Date:** April 2012

## Problem

The internal ebonite lining was damaged around the vessel support areas where the ebonite had disbonded leaving the steel exposed.



## Photograph Descriptions

- \* Ebonite lining damaged around support areas ,
- \* Surface preparation completed ,
- \* Belzona® 4301 being applied on the internal supports areas ,
- \* Completed application ,

## Application Situation

Ebonite lined process vessel operating with 10-35% Hydrochloric acid.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-3. The surface was prepared removing the previous mastic products. Then, the ebonite was roughened using a grinder and the whole application area was grit blasted to ensure a minimum 75 micron surface profile on the exposed steel before rebuilding all damaged areas with the Belzona® 4301.

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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## Belzona Facts

This application was carried out in-situ, repairing the ebonite lining without the requirement of a vulcanization process, and minimising downtime and disruptions to the client facilities and operations.

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