

# BELZONA REPAIRS EBONITE LINING IN PROCESS VESSEL

ID: 3414



## PROBLEM

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

## 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.

## 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.

## INDUSTRY

Chemical & Petrochemical

## LOCATION

International chemical company, Spain

## APPLICATION DATE

April 2012

## PRODUCTS

Belzona 4301 (Magma CR1 Hi-Build)

## SUBSTRATE

Ebonite and steel

## PHOTOS

1. Ebonite lining damaged around support areas
2. Surface preparation completed
3. Belzona 4301 being applied on the internal supports areas
4. Completed application

For more examples of Belzona Know-How in Action, please visit [khia.belzona.com](http://khia.belzona.com)

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