

BELZONA REPAIRS EBONITE LINING IN PROCESS VESSEL

CUSTOMER

International chemical company, Spain

APPLICATION DATE

April 2012

APPLICATION SITUATION

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

PROBLEM

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

PRODUCTS

Belzona® 4301 (Magma CR1 Hi-Build)

SUBSTRATE

Ebonite and steel

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.

PICTURES

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 <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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