

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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