

NOZZLE IN ACID TANK PROTECTED WITH BELZONA INSERT

ID: 1572

Industry: Chemical & Petrochemical
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Ebonite
Products: * Belzona® 4301 (Magma CR-1 Hi-Build),
* Belzona® 4311 (Magma CR-1),

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

Problem

The interior of an ebonite lined nozzle handling 26% Hydrochloric acid had suffered damage.



Photograph Descriptions

- * Outer view of the tank and nozzle ,
- * Belzona® 4301 Nozzle Insert being installed ,
- * Surrounding Ebonite rebuilt with Belzona® 4301 to seal the insert ,
- * Insert sealed at the flange ,

Application Situation

Nozzle into Hydrochloric acid storage tank at Caustic soda producer

Application Method

The application was carried out according to the Belzona Know-How System Leaflets TCC-16a and TCC-16b. Nozzle was made from Belzona® 4301 and bonded into place with Belzona® 4311.

Belzona Facts

Belzona solution allowed a fast back to service time for the tank with an easy in-situ repair. This proves to be far more cost effective than relining with an Ebonite 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


BELZONA®
Repair • Protect • Improve