

BELZONA RENEWS DAMAGED LINING

ID: 393

Industry: Chemical & Petrochemical
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Fiberglass Re-enforced Polyester
Products: * Belzona® 5811 (Immersion Grade),

Customer Location: Refinery in North Texas, U.S.A.
Application Date: October 2002

Problem

Dilute sulfuric acid eventually attacked the fiberglass surface and had the gelcoat completely eaten away in sections. The first layer of cloth was exposed in 50% of the internal tank surface.



Photograph Descriptions

- * Outside view of the sulfuric acid holding tank ,
- * Close-up view of the FRP substrate ,
- * Application of the first coat commences ,
- * The second coat is applied ,

Application Situation

Fiberglass tank used to store spent sulfuric acid.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-3.

Belzona Facts

All exposed glass fiber ends were shaved off. The internal tank surface was blasted and coated with two coats of Belzona® 5811. In August 2003, the refinery reported it had experienced perfect performance with 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

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9000 Registered Quality
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