

BELZONA PROTECTS AGAINST HOT SULPHURIC ACID

ID: 5475

Industry: Chemical & Petrochemical
Application: TCC-Tanks and Chemical Containment Areas

Customer Location: Chemical Company, Warrington, UK
Application Date: September 2014

Substrate: Tile and Brick

Products: * Belzona 4131 (Magma-Screed),
* Belzona 4341 (Magma CR4),

Problem

The tiles were on the base of the bund and a couple of inches up the walls. As the standing water levels were above the tiles, it was leaking through the bricks. The tank inside was storing 77% sulphuric acid at 70°C. It was therefore decided to coat the bund.



Photograph Descriptions

- * Damaged bund area ,
- * Damaged bund area ,
- * & 4. Completed application ,

Application Situation

Tile and brick chemical containment bund.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-15. Belzona 4131 was used to create fillets at the horizontal and vertical junctions before Belzona 4341 was applied to protect the entire area.

Belzona Facts

The entire application was completed in 5 days. Despite the harsh conditions Belzona 4341 can resist high concentrations of sulphuric acid up to 90°C. As Belzona products are non-porous, this eradicates the problems that could be incurred through acid leakage.

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
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