

# 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  
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