

BELZONA PROTECTS AGAINST HOT SULPHURIC ACID

ID: 5475



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.

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.

INDUSTRY

Chemical & Petrochemical

LOCATION

Chemical Company, Warrington, UK

APPLICATION DATE

September 2014

PRODUCTS

Belzona 4131 (Magma-Screed)
Belzona 4341 (Magma CR4)

SUBSTRATE

Tile and Brick

PHOTOS

1. Damaged bund area
2. Damaged bund area
3. & 4. Completed application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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