

Belzona repairs & protects Phosphoric Acid Bund

ID: 8914

Industry: Water / Wastewater

Customer Location: Scotland

Application: TCC-Tanks and Chemical Containment Areas

Application Date: November 2022

Substrate: Concrete

Products: Belzona 4131 (Magma-Screed), Belzona 4341 (Magma CR4), Belzona 4911 (Magma TX Conditioner)

Problem

The previous coating within the bund had been corroded away leaving the underlying concrete susceptible to damage. A long term repair & protective solution was required.



Application Situation

A bund containing several pumps had become severely corroded due to Phosphoric acid leaks. Significant sections of concrete had been affected by the acid.

Application Method

The bund was prepared using a high pressure wash. This removed the damaged sections of concrete & decontaminated the remaining concrete.

Belzona 4911 TX Conditioner was applied followed by Belzona 4131 Magma Screed to bring the corroded areas back up to the original floor level.

Two coats of Belzona 4341 CR4 were then applied for long term acid protection.

Belzona Facts

Due to the outstanding chemical resistance of Belzona 4341 CR4 the Belzona system ensures long term protection of the bund.

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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manufactured under an ISO
9000 Registered Quality
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