

BELZONA REPAIRS & PROTECTS PHOSPHORIC ACID BUND

ID: 8914



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.

INDUSTRY

Water / Wastewater

LOCATION

Scotland

APPLICATION DATE

November 2022

PRODUCTS

Belzona 4131 (Magma-Screed)

Belzona 4341 (Magma CR4)

Belzona 4911 (Magma TX Conditioner)

SUBSTRATE

Concrete

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Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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