

# BELZONA REPAIRS AND PROTECTS DEMINERALISATION CHANNELS

ID: 917

## Industry:

Application: TCC-Tanks and Chemical Containment Areas

Substrate: Concrete

Products: \* Belzona 4181 (AHR Magma-Quartz) ,  
\* Belzona 4911 (Magma TX Conditioner) ,

Customer Location: Nuclear Power Plant, Lancashire, UK

Application Date: October 2007

## Problem

The concrete channel was deteriorated from the acid. A previously applied protective coating had failed and allowed the concrete substrate to be attacked. This caused severe holes and damage to the channels.



## Photograph Descriptions

- \* Damaged concrete substrate ,
- \* Close up of damaged reinforced concrete substrate ,
- \* Filling in the prepared holes using Belzona 4181 ,
- \* Completed channel ,

## Application Situation

A channel used to contain and transport sulphuric acid.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-9.

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  
Management System.

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**BELZONA**  
Repair • Protect • Improve

## Belzona Facts

Time constraints due to demands on energy generation meant that Belzona were only allocated a short period of time for the repair work. Keeping to a schedule and force curing the product meant the power station incurred no fines for not being available to generate power when required.

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