

# BELZONA PROTECTS ACID BUND AT CHEMICAL PLANT

ID: 6295

Industry: Chemical & Petrochemical

Customer Location: Chemical plant, Kwinana, Western Australia

Application: TCC-Tanks and Chemical Containment Areas

Application Date: April 2016

Substrate: Concrete

Products: \* Belzona 4111 (Magma Quartz),  
\* Belzona 4311 (Magma CR1),

## Problem

The concrete floor of the bund had been damaged by leaks during tanker deliveries.



## Photograph Descriptions

- \* 1. Original condition of concrete before repair ,
- \* 2. Another view of the damage ,
- \* 3. Completed application ,
- \* 4. Another view of the completed application ,

## Application Situation

Tanker loading/unloading station for 98% Sulphuric Acid.

## Application Method

Application was carried out in accordance with Belzona System Leaflet TCC-15. The floor of the bund was first washed to neutralise any remaining acid contamination before being abrasive blasted. Belzona 4111 used to rebuild damaged concrete before applying two coat system of Belzona 4311. Aggregate was applied to top surface whilst wet to create a non-slip surface.

## Belzona Facts

Belzona 4000 series materials were chosen for their high chemical resistance, ability to bond to damaged concrete and fast curing properties that allowed for the application to be completed between deliveries, avoiding disruption to the operation of the plant.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
Q 09335  
ISO 14001:2015  
EMS 509612

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**<sup>®</sup>  
Repair • Protect • Improve