

# Belzona Repairs Fertilizer Tank

ID: 8082

Industry: General Industry  
Application: TCC-Tanks and Chemical Containment Areas

Customer Location: Portugal

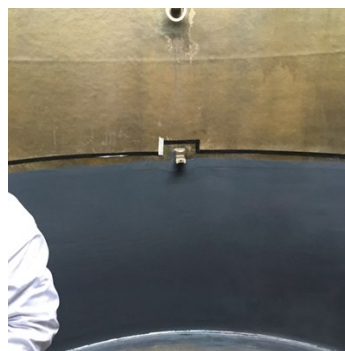
Application Date: 2015

Substrate: Steel

Products: \* Belzona 1111 (Super Metal) ,  
\* Belzona 4911 (Magma TX Conditioner) ,  
\* Belzona 4311 (Magma CR1) ,

## Problem

An existing fiberglass lining had failed at the bottom of the tank due to not having the correct chemical resistance for the range of chemical circulating the tank. The failed lining resulted in a loss of material at the base of the tank and also leaving the substrate unprotected and exposed to further chemical attack.



## Photograph Descriptions

- \* 1. Failed fiberglass lining due to chemical attack ,
- \* 2. Rebuilding with Belzona 1111 ,
- \* 3. First coat of Belzona 4311 ,
- \* 4. Finished application ,

## Application Situation

Repair of a tank used for fertilizer production.

## Application Method

This application was carried out in accordance with system leaflet TCC-03. The fiberglass coating was removed and the substrate was blasted to SA 2.5 before rebuilding the lost profile with Belzona 1111. Belzona 4911 was used to condition the surface before 2 coats of Belzona 4311 were applied to prevent future chemical attack from occurring.

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 Facts

This is a regular customer of the distributor and the tank was inspected 4 years later and was still in good working service.

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