

BELZONA REPAIRS FERTILIZER TANK

CUSTOMER

Portugal

APPLICATION DATE

2015

APPLICATION SITUATION

Repair of a tank used for fertilizer production.

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.

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 4911 (Magma TX Conditioner)

Belzona 4311 (Magma CR1)

SUBSTRATE

Steel

APPLICATION METHOD

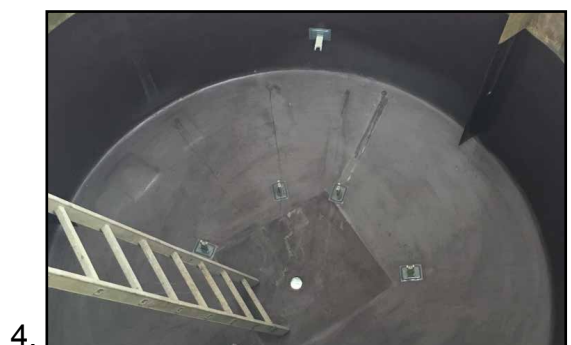
This application was carried out in accordance with Belzona Know-How System Leaflet TCC-03. The fiberglass coating was removed and the substrate was blasted to SA 2.5 before rebuilding the lost profile with Belzona 1111. Belzona 4911 was used to condition the surface before 2 coats of Belzona 4311 were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

BELZONA FACTS

The tank was inspected 4 years later and was still in good working service.

PICTURES

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



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



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

UK • USA • Canada • Thailand
www.belzona.com

