

Belzona Repairs Damaged Bund Wall

ID: 8400

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

Customer Location: Staffordshire, UK
Application Date: August, 2020

Substrate: Concrete/Brick

Products: * Belzona 4141 (Magma Build) ,
* Belzona 4181 (AHR Magma-Quartz) ,

Problem

While the visible damage is purely cosmetic, if the tank were to spill, the bund would no longer be able to contain the chemicals and they would pass straight to the drains. This would have resulted in an environmental issue and a fine to the site.



Photograph Descriptions

- * 1 - Damage to wall ,
- * 2 - Damage to fillet ,
- * 3 - Completed repair to wall ,
- * 4 - Completed repair to fillet ,

Application Situation

Bund wall and fillet area needed repairing after a collision with a forklift truck caused damage to 2 linear meters of wall to floor joints.

Application Method

The products were applied in accordance with Belzona System Leaflet TCC-09. The surface was prepared on the external wall of the bund and rebuilt back to its profile using Belzona 4141. After removing approximately 2 linear metres of fillet, Belzona 4181 was used on the internals to restore the damaged concrete..

Belzona Facts

Belzona were chosen for this repair as the customer required a quick and effective solution to ensure the bund was compliant as soon as possible. This was the first repair done for this customer, with positive feedback received after the work was complete.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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