

BELZONA RENOVATES DILAPIDATED WATER TOWER

ID: 192

Industry: Water / Wastewater

Customer Location: A fabric manufacturer near Barcelona, Spain

Application: TCC-Tanks and Chemical Containment Areas

Application Date: May and June 1998

Substrate: Concrete

Products: * Belzona® 4911 (Magma TX Conditioner) ,
* Belzona® 4141 (Magma-Build) ,

Problem

The concrete support structure and water tank was deteriorated. Pieces of concrete were falling off exposing passersby to injury.



Photograph Descriptions

- * Severe damage to the tower ,
- * Deterioration of the concrete structures ,
- * Application of Belzona® 4141 (Magma-Build) ,
- * The finished repair ,

Application Situation

120-foot tall concrete water tower

Application Method

Application was carried out in accordance with Belzona Know-How Leaflet TCC-9.

Belzona Facts

The repair was complicated by the difficulties involved in reaching the deteriorated areas. A system of scaffolding and wooden planks had to be built for this purpose. All workers had to be affixed with security harnesses and lines. There were very strong winds and high temperatures at the top of the tower. The customer's only other option was to demolish the old tower and construct a new one.

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

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