

Belzona protects cooling tower basins for a sugar refinery

ID: 7764

Industry: Sugar
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Concrete
Products: * Belzona 4111 (Magma-Quartz) Belzona 4151 (Magma-Quartz Resin) Belzona 5811 (Immersion Grade),

Customer Location: France
Application Date: July 2018

Problem

After an audit, the company was asked to check that their cooling basins were in good shape. They realised that a few of them needed to be fixed. The concrete was disintegrated and the resin (not a Belzona resin) that had been applied a few years ago was not efficient anymore and this required removing and replacing.



Photograph Descriptions

* 1- Outside view of the tank 2- Blasted pole inside the basin 3- Final application 4- Zoom on the final application ,

Application Situation

The cooling basins used in this refinery were attacked by chemicals: bleach and anti-corrosion agents which are usual additives for industrial cooling waters.

Application Method

The concrete was prepared by sand blasting, Belzona 4111 with Belzona 4151 was used to repair and resurface the cracks then the basins were coated with 5811 for chemical protection in accordance with Belzona Know How system leaflet TCC-9 + TCC-15.

Belzona Facts

The basins have been back in service for a few weeks now and the customer is really happy with the application. This customer has been using Belzona products for a long time now, he did not consider another option for this repair and wanted to go directly for a

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

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