

BELZONA REPAIRS AND ENHANCES CONCRETE CLARIFIER TROUGHS

ID: 320

Industry: Water / Wastewater

Customer Location: Wastewater treatment plant in
Plantation, Florida USA

Application: TCC-Tanks and Chemical Containment
Areas

Application Date: May 1999

Substrate: Concrete and steel

Products: * Belzona® 4111 (Magma Quartz) ,
* Belzona® 5811 (Immersion Grade) ,

Problem

An old coal tar epoxy system had failed and resulted in damage to the underlying concrete. It also made it very difficult to keep the trough clean and free from algae buildup.



Photograph Descriptions

- * Clarifier drained to affect repairs ,
- * Concrete damage from failure of coal tar epoxy system ,
- * Application of second coat of Belzona® 5811 (Immersion Grade) ,
- * Finished application. ,

Application Situation

80-ft diameter concrete clarifier trough.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets TCC-9 and TCC-15.

Belzona Facts

Belzona was specified by an engineering firm called CDM. A total of four-clarifiers were repaired at this facility. The management believes that the Belzona System makes it easier to clean and protects the trough substrate. Over three-years later, the Belzona is still providing excellent protection.

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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