

BELZONA REPAIRS SPALLED CONCRETE ON THIS AERATION TANK

ID: 329

Industry: *Water / Wastewater*

Customer Location: *County wastewater plant in Northern Florida, U.S.A.*

Application: *FPA-Floor Problem Areas*

Application Date: *February 1995*

Substrate: *Concrete*

Products: ** Belzona® 4111 (Magma Quartz),*

Problem

Deteriorated concrete around the base of the handrail posts raised safety concerns.



Photograph Descriptions

- * Severely spalled concrete around handrail post ,
- * Repair of both sides and run at base of handrail post ,
- * Overall view of repaired deterioration ,

Application Situation

Spalled concrete at railings along a platform perimeter above an aeration tank.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet FPA-10.

Belzona Facts

Patching the concrete did not work, since the old and new concrete did not bond well. This allows water to migrate through the repair, causing the same deterioration of the concrete as before. Replacing the slab would cost thousands of dollars as well as the interruption of the aeration tank process.

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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