

BELZONA REPAIRS SPALLED CONCRETE ON THIS AERATION TANK

ID: 329



PROBLEM

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

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.

INDUSTRY

Water / Wastewater

LOCATION

County wastewater plant in Northern Florida, U.S.A.

APPLICATION DATE

February 1995

PRODUCTS

Belzona 4111 (Magma Quartz)

SUBSTRATE

Concrete

PHOTOS

1. Severely spalled concrete around handrail post
2. Repair of both sides and run at base of handrail post
3. Overall view of repaired deterioration

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