# BELZONA REPAIRS AND PROTECTS CONCRETE AROUND HANDRAIL POSTS

ID: 5813

Industry: Water / Wastewater Customer Location: Straffordville, ON, Canada

Application: FPA-Floor Problem Areas Application Date: June 2015

Substrate: Concrete

Products: \* Belzona 4131 (Magma-Screed),

\* Belzona 4911 (Magma TX Conditioner),

#### Problem

The concrete around the handrail posts was badly spalled. Some of the damage was from a combination of environmental (freeze thaw effect) and proximity of the concrete to the clarifier tanks.









## **Photograph Descriptions**

- \* Top view of damaged concrete,
- \* Side view prior to application,
- \* Top view of completed application,
- \* Completed application,

## **Application Situation**

Concrete around handrail posts at a Water Treatment Plant.

## **Application Method**

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

www.belzona.com

The application was carried out in accordance with Belzona Know-How System Leaflet FPA-10 for fixing or securing anchor bolts or handrails. A grinder was used to prepare the surface and any loose concrete was removed. Belzona 4911 was applied to the prepared surface using a stiff bristle brush. Belzona 4131 was applied in accordance with Belzona Instructions For Use.

### **Belzona Facts**

Belzona 4131 has a high performance non-porous resurfacing material that provides excellent protection against the effects of abrasion, impact, vibration, chemical attack, outstanding environmental protection and is impermeable to water. Belzona 4131 is easily applied using a trowel, thus, no specialist tools are required.