

Chemical Protection of a Sediment Tank

ID: 8054

Industry: Water / Wastewater
Application: TCC-Tanks and Chemical Containment Areas

Customer Location: Poland

Application Date: 2019

Substrate: Concrete

Products: * Belzona 4111 (Magma Quartz) ,
* Belzona 5821 ,
* Belzona 9211 (Supergrip Aggregate) ,

Problem

The accumulation of sediment on the bottom and walls of the tank. The penetration of aggressive dirt into the depths of concrete, chemical corrosion of concrete and damage to concrete walls of the tank and cracking at the bottom.



Photograph Descriptions

- * Chemical Protection ,
- * Spraying Picture ,
- * Applying Picture ,
- * Application Complete ,

Application Situation

Chemical protection of the sediment tank and reinforcement in the sewage treatment plant with Belzona composite materials.

Application Method

The application was completed in accordance with Belzona System Leaflet TCC-15. High pressure washing, blast-cleaning and vacuum cleaning of the interior of the entire tank. Surface activation and re-profiling of the side wall defects and cracking of the sediment bottom with the Belzona 4111. Applying two layers of the Belzona 5821 coating by airless spraying.

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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BELZONA®
Repair • Protect • Improve

Belzona Facts

Resistance to the impact of many types of chemical substances. Long-term protection of equipment used in immersion, high resistance to erosion and corrosion.

Belzona eliminates the need for exchanges and reduces downtime.

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