

CHEMICAL PROTECTION OF A SEDIMENT TANK

ID: 8054



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.

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.

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.

INDUSTRY

Water / Wastewater

LOCATION

Poland

APPLICATION DATE

2019

PRODUCTS

Belzona 4111 (Magma Quartz)

Belzona 5821

Belzona 9211 (Supergrip Aggregate)

SUBSTRATE

Concrete

PHOTOS

1. Chemical Protection
2. Spraying Picture
3. Applying Picture
4. Application Complete

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

