

ANTI-CORROSION PROTECTION BY BELZONA

CUSTOMER

Poland

APPLICATION DATE

2019

APPLICATION SITUATION

Anti-corrosion protection of a sulfuric acid tank together with the existing infrastructure.

PROBLEM

Degradation of the existing anti-corrosion system and rapidly progressing corrosion of steel. Exposure to UV rays and atmospheric precipitation. A very aggressive chemical industry environment and fumes of sulfuric acid. Periodic pouring with sulfuric acid of 97% concentration and 40C temperature.

PRODUCTS

Belzona 5811 (Immersion Grade)

Belzona 5111 (Ceramic Cladding)

SUBSTRATE

Steel

APPLICATION METHOD

The application was completed in accordance with Belzona Know-How System Leaflet TCC-5. Abrasive blasting of steel constructions to a Sa 2.5 degree of purity and a corresponding roughness profile. Dismantling and degreasing the steel structure of the tank.

BELZONA FACTS

Selected Belzona due to the application being a very aggressive chemical industry environment.

PICTURES

1. Corrosion of the sulfuric acid tank
2. Application of the chemical resistant composite Belzona 5811
3. Application of the topcoat layer of Belzona 5111
4. Application Complete



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

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