

ANTI-CORROSION PROTECTION BY BELZONA

ID: 8052



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.

APPLICATION SITUATION

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

APPLICATION METHOD

The application was completed in accordance with Belzona 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.

INDUSTRY

Chemical & Petrochemical

LOCATION

Poland

APPLICATION DATE

2019

PRODUCTS

Belzona 5811 (Immersion Grade)
Belzona 5111 (Ceramic Cladding)

SUBSTRATE

Steel

PHOTOS

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

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

