

Anti-corrosion Protection by Belzona

ID: 8052

Industry: Chemical & Petrochemical
Application: TCC-Tanks and Chemical Containment Areas

Customer Location: Poland

Application Date: 2019

Substrate: Steel

Products: * Belzona 5811 (Immersion Grade) ,
* Belzona 5111 (Ceramic Cladding) ,

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.



Photograph Descriptions

- * Corrosion of the sulfuric acid tank ,
- * Application of the chemical resistant composite Belzona 5811 ,
- * Application of the topcoat layer of Belzona 5111 ,
- * Application Complete ,

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.

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

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