

# Anti-corrosion Protection by Belzona

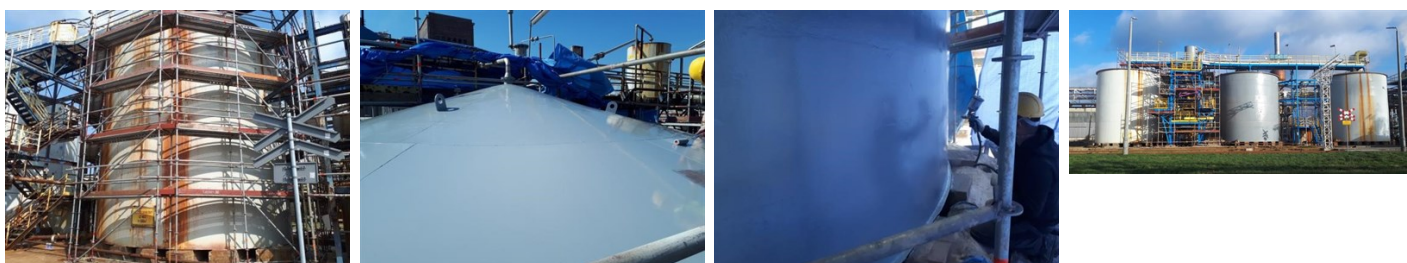
ID: 8052

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Steel  
**Products:** \* Belzona 5811 (Immersion Grade) ,  
\* Belzona 5111 (Ceramic Cladding) ,

**Customer Location:** Poland  
**Application Date:** 2019

## 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.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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