

BELZONA PROTECTS TANK ROOF AGAINST SULPHUR FUMES

CUSTOMER

Slovakia

APPLICATION DATE

2019

APPLICATION SITUATION

Repair of a Sulphur tank roof used as part of an oil refining process.

PROBLEM

A build-up of condensation from the sulphuric acid had caused the tank roof to pit and corrode.

PRODUCTS

Belzona 1511 (Super HT-Metal)

Belzona 1593

SUBSTRATE

Steel

APPLICATION METHOD

This application was carried out in accordance with Belzona system leaflet TCC-05. The tank roof was cleaned and then grit blasted to SA 2.5, achieving a 75 micron profile to provide an excellent level of adhesion to the substrate. Once grit blasted, any pits were filled in with Belzona 1511 before two coats of Belzona 1593 were applied to the tank roof.

BELZONA FACTS

The client chose Belzona 1593 because of its excellent chemical resistance and high temperature immersion limit (160°C) which other competitors couldn't offer. The client had also used Belzona 1593 around the refinery for other large projects and had seen excellent results.

PICTURES

1. Outside view of the Sulphur tank
2. Corroded tank roof
3. Two coat system of Belzona 1593 applied to the roof
4. View of the tank roof from the bottom



1.



2.



3.



4.

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