

BELZONA PROTECTS TANK ROOF AGAINST SULPHUR FUMES

ID: 8154



PROBLEM

A build-up of condensation from the 100% liquid Sulphur had caused the tank roof to pit and corrode.

APPLICATION SITUATION

Repair of a Sulphur tank roof.

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 2 coats of Belzona 1593 were applied to the tank roof.

BELZONA FACTS

The client went with 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.

INDUSTRY

Oil & Gas

LOCATION

Slovakia

APPLICATION DATE

2019

PRODUCTS

Belzona 1511 (Super HT-Metal)
Belzona 1593

SUBSTRATE

Steel

PHOTOS

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

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