

TANK REPAIR AND PROTECTION

ID: 9626



PROBLEM

Corrosion damaged the bottom of the tank and there was a danger that the bottom of the tank would break through.

APPLICATION SITUATION

After a long time and due to aggressive chemicals from crude oil, the bottom of the tank was damaged. There was even a hole in the tank.

APPLICATION METHOD

Surface blasting to Sa 2.5 with a profile of 75 µm up to the height of 1/3 of the shell.

Surface degreasing. Bonding of a metal plate to the bottom of the tank under the heating body (leakage at the bottom of the tank) with Belzona 1111.

Application of the product Belzona 5892 in a thickness of approx. 500 µm. Hardening of the material - by additional heating.

BELZONA FACTS

Repair by welding would take a long time and the surrounding material would be thermally affected. The Belzona system led to a quick and high-quality repair.

INDUSTRY

Chemical & Petrochemical

LOCATION

Slovakia

APPLICATION DATE

March 2023

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 5892

SUBSTRATE

Carbon steel

PHOTOS

1. General view of the tank
2. Damaged tank bottom
3. Fixed tank bottom
4. Ready for operation

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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