

Belzona Restores Internal Tank Wall against Corrosion

ID: 8032

Industry: Oil & Gas
Application: TCC-Tanks and Chemical Containment Areas

Customer Location: Romania
Application Date: August 2018

Substrate: Carbon steel
Products: * Belzona 1111 (Super Metal) ,
* Belzona 5892 ,

Problem

The tank was suffering from severe internal pitting and corrosion.



Photograph Descriptions

- * Initial view of the corroded tank wall ,
- * Wall thickness restoration ,
- * Stripe coating weld seams and plate bonding ,
- * The finished application of Belzona 5892 Corrosion protection ,

Application Situation

Repair of a steel tank (980 m3) used to store a mixture of salt water and oil.

Application Method

Application carried out in accordance with system leaflet TCC-05. The internal walls of the tank were sandblasted before being cleaned and degreased. Belzona 1111 was applied to the severely pitted areas to restore the thickness of the tank wall and metal plates were bonded over larger defect area on the internal floor of the tank. 2 Coats of Belzona 5892 was then applied to tank base and 1m up the side of the internal walls to protect against further corrosion.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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Belzona Facts

Belzona products protect the tank from corrosion and allowed a fast and easy return to service with the added advantage of an easy in site application. No other alternatives were deemed appropriate to provide a viable solution to the client's requirements due to the time and the risk of sparks.

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