

Belzona Solves Tank Base Sealing Problems

ID: 8419

Industry:

Application: GSS-Gaskets, Seals and Shims

Substrate: Steel, Bitumen, Concrete

Products: * Belzona 6111 (Liquid Anode) ,
* Belzona 3921 (GSC Conditioner) ,
* Belzona 9431 (Instant Bridging Tape) ,
* Belzona 3131 (WG Membrane) ,

Customer Location: Oil Terminal, Scotland

Application Date: October 2020

Problem

The movement of the tank (during loading & unloading) meant a flexible system capable of coping with this movement was required. Three different substrates (Steel, bitumen & concrete) also needed to be coated seamlessly. Any water penetration could lead to unseen corrosion of the tank base.



Photograph Descriptions

* 1,2,3,4 - finished image of Belzona system around annular rim ,

Application Situation

A Glycol Storage tank was in need of a system to prevent water ingress underneath its base. A previous bitumen based system had been used but found to be incapable of providing protection - the lack of flexibility meant it had a short lifespan. A long term solution was required.

Application Method

The application was carried out in accordance with Belzona System Leaflet GSS-03. The base of the tank was grit blasted, Belzona 6111 was then applied to provide corrosion protection. Bridging tape & Belzona 3921 were applied & then Belzona 3111 as a two coat system.

Belzona Facts

The flexible microporous system effectively sealed the tank annular rim from any external water penetration.

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

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