

BELZONA SOLVES TANK BASE SEALING PROBLEMS

CUSTOMER

Oil Terminal, Scotland

APPLICATION DATE

October 2020

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.

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.

PRODUCTS

Belzona 6111 (Liquid Anode)

Belzona 3921 (GSC Conditioner)

Belzona 9431 (Instant Bridging Tape)

Belzona 3131 (WG Membrane)

SUBSTRATE

Steel, Bitumen, Concrete

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 micro-porous system effectively sealed the tank annular rim from any external water penetration.

PICTURES

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



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>

ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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