

BELZONA TANK BASE SEAL STILL GIVING SUPERB PROTECTION

ID: 7544



PROBLEM

Over the years the bitumen and sand base under this 36m diameter tank had compressed, to such an extent that the annular rim was now at least 10mm below the surrounding concrete plinth. Water was actually being captured at the rim which had dramatically increased the risk of under base corrosion. Various mastics had been tried in the past, but all failed quickly.

APPLICATION SITUATION

Carbon Steel Fuel Storage Tank

APPLICATION METHOD

Application was carried out in line with Belzona Know-How System Leaflet GSS-03.

BELZONA FACTS

For many years this customer had recognised the long-term benefits of using the Belzona Tank Base Sealing system. After reprofiling the plinth, the Belzona Tank Base Seal was installed around the full diameter, preventing any risk of water ingress to the base. The work was inspected again in 2017 and is still in perfect condition. To date this client has protected over 50 tanks with the Belzona Tank Base Seal solution.

INDUSTRY

Chemical & Petrochemical

LOCATION

Petrochemical Plant, UK

APPLICATION DATE

2010

PRODUCTS

Belzona 3131 (WG Membrane)
Belzona 6111 (Liquid Anode)
Belzona 4131 (Magma Screed)

SUBSTRATE

Carbon Steel and Concrete

PHOTOS

1. Initial condition of tank.
2. Annular rim creating channel for water.
3. Tank Base Seal application in 2010.
4. Tank revisited in 2017

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