

BELZONA PROTECTS TANK ROOF WITH MINIMAL EFFORT

CUSTOMER

Petrochemical Plant, UK.

APPLICATION DATE

2013

APPLICATION SITUATION

Chemical Tank Roof.

PROBLEM

Roof of chemical tank was suffering severe corrosion but due to the highly explosive nature of the tanks contents, no hot works or mechanical tools could be used. The customer wanted an anti corrosion system that would bond with minimal preparation and be flexible enough to move with the tank. As the whole roof is subject to regular inspections, they also wanted a system that could offer good traction under foot on this domed surface.

PRODUCTS

Belzona® 5831 (ST Barrier)

Belzona® 9211 (Super Grip Aggregate)

SUBSTRATE

Carbon steel

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. Preparation was limited to hand wire brushing. 2 coats of Belzona 5831 were applied with Belzona® 9211 broadcast into the surface to create a positive grip..

BELZONA FACTS

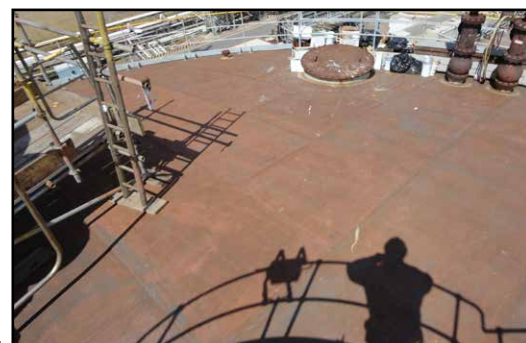
Phase 1 of this project on the main roof dome covered 540m² and included many pipes and gantry legs. All were prepared with hand tools to eliminate the possibility of sparking. Belzona 5831 offered a solvent free solution with excellent adhesion. With the Belzona 9211 incorporated, it afforded assured grip, even in wet conditions. The client was delighted with the results and is due to repeat the application on other parts of the site.

PICTURES

1. Chemical tank of 29m height
2. Corroded domed roof
3. Application of Belzona® 5831 with Belzona® 9211 in the top coat
4. Phase 1 completed



1.



2.



3.



4.

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



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