

BELZONA TANK BASE SEALING SYSTEM APPLIED TO NITROGEN TANK

CUSTOMER

Industrial gas supplier, UK

APPLICATION DATE

Jun-21

APPLICATION SITUATION

Elevated nitrogen storage tank

PROBLEM

The tank had developed a void between its annular ring and plinth substrate. The asset owner had concerns that if the void had been left to deteriorate, adverse weather conditions and moisture/condensation would accumulate and track under the base of the tank. This would inevitably lead to corrosion of the tank base, leakage or even a tank failure.

PRODUCTS

Belzona 3131 (WG Membrane)

Belzona 4131 (Magma-Screed)

SUBSTRATE

Steel

APPLICATION METHOD

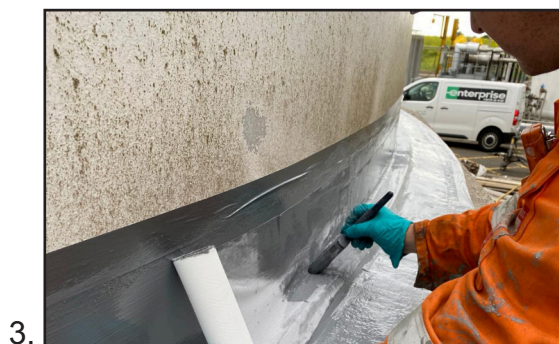
Once the substrate has been prepared to a standard of minimum surface profile of 75µm and a surface cleanliness of SA 2.5, Belzona Technosol applicators rebuilt the damaged areas under the annular ring using Belzona 4131 to a 45° fillet which will encourage water flow away from the tank. Once complete the Belzona Tank Base Sealing system was applied in accordance with Know-How system leaflet GSS-03 using Belzona 3131 at a 500mm wide band around the complete circumference.

BELZONA FACTS

The application was completed by Belzona Technosol Limited, specialist application services in the UK. The customer was delighted with the application and has now requested a series of site surveys for concrete repairs across the site.

PICTURES

1. 15m diameter tank to be repaired
2. Belzona 4131 being applied
3. Tank base sealing system in progress
4. Completed application



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

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