

TANK BASE SEALING WITH BELZONA

ID: 921

Industry: Chemical & Petrochemical

Customer Location: Oil Production Company, North East Scotland

Application: GSS-Gaskets, Seals and Shims

Application Date: October 2005

Substrate: Carbon steel

Products: Belzona 3131 (WG Membrane), Belzona 4131 (Magma-Screed)

Problem

Water was penetrating under the annular ring leading to a corrosion risk.



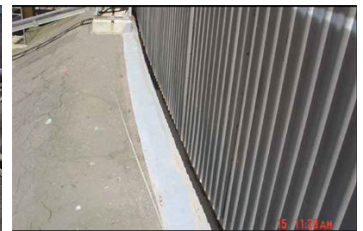
Before application



During application



Belzona 3131 applied



Finished application

Application Situation

108m diameter oil storage tank

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet GSS-3. Damaged areas of the concrete base were repaired with Belzona 4131 prior to the full circumference of the base being sealed with a fully reinforced Belzona 3131 system.

Belzona Facts

The original plan was to inject a silicon type sealer around the tank base or a bitumastic coating but these were known to only offer temporary seal. The Belzona tank baser sealing system has a proven track record and this tank was found to be in perfect condition when inspected in 2012.

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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