

# BELZONA REPLACES FAILED TANK BASE SEAL

ID: 1615

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Steel & concrete  
**Products:** \* Belzona® 4131 (Magma-Screed),  
\* Belzona® 3111 (Flexible Membrane System),

**Customer Location:** Chemical plant, UK  
**Application Date:** November 2004

## Problem

Original seal had cracked and allowed moisture to penetrate beneath tank base. Problem exacerbated by poor water shed leading to external corrosion.



## Photograph Descriptions

- \* Close up showing failure of original seal. ,
- \* Fillet of Belzona® 4131 applied ,
- \* Application of Belzona 3111® System underway. ,
- \* Application completed. ,

## Application Situation

Base of chemical storage tank

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet GSS-3 and TCC-9.

## Belzona Facts

Traditional sealing materials had failed due to lack of flexibility. Improved water shed created by applying fillet of Belzona® 4131. Belzona® 3111 has a proven track record in waterproofing tank bases.

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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