

# BELZONA TANK BASE SEALING PREVENTS STRESS CORROSION CRACKING

ID: 823

**Industry:** General Industry  
**Application:** GSS-Gaskets, Seals and Shims  
**Substrate:** Stainless Steel & Concrete  
**Products:** \* Belzona® 3111 (Flexible Membrane) System ,

**Customer Location:** Chemical Manufacturer (UK)  
**Application Date:** October 2006

## Problem

Materials engineers on-site had highlighted that a stress corrosion cracking environment could be created if water was allowed to ingress under the tank floor.



## Photograph Descriptions

- \* General view of Stainless Steel tank ,
- \* Close up of base prior to fitting the system ,
- \* Close up of the applied System ,
- \* Tank Base sealing Systems side by side ,

## Application Situation

Stainless steel storage tank base seal

## Application Method

The application was carried out in accordance with Belzona System Leaflet GSS-3.

## Belzona Facts

This company had previously fitted the Belzona System to eight of their carbon steel tanks & have now fitted it to three of their stainless steel tanks. The System is now the chosen one for this customer & a program is in place to apply to further tanks on-site.

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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9000 Registered Quality  
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