

# BELZONA MAINTAINS CORRODED SPRINKLER TANK BY PLATE BONDING

ID: 4898

Industry: General Industry

Customer Location: Industrial Foam Manufacturer,  
Northamptonshire UK

Application: TCC-Tanks and Chemical Containment  
Areas

Application Date: December 2013

Substrate: Steel

Products: \* Belzona 1161 (Super UW Metal) ,  
\* Belzona 5831 (ST Barrier) ,

## Problem

Over several years the tank had become badly corroded around approx. 50% of the circumference at the water line causing it to split open in some areas allowing water to flow out.



## Photograph Descriptions

\* 1. Large sprinkler tank with corrosion at water line 2. Surface being prepared with MBX Bristle Blaster 3. 400mm long x 300mm high steel plates being installed using Belzona 1161 4. Installation complete around tank circumference and coated with Belzona 5831 ,

## Application Situation

6m diameter x 6m high circular steel tank supplying water for the fire sprinkler system in a large foam manufacturing plant

## Application Method

Application was carried out in accordance with Belzona Know How System Leaflets TCC-1 and TCC-5. Doubler plates were bonded in place with Belzona 1161 before applying Belzona 5831 for overall corrosion protection.

## Belzona Facts

For fire safety reasons the tank needed to be constantly on line, 24 hours a day, 7 days a week so replacing it with a new tank was not an option due to time and budget. Belzona repair completed with tank on-line.

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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