

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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