

BELZONA MAINTAINS CORRODED SPRINKLER TANK BY PLATE BONDING

CUSTOMER

Industrial Foam Manufacturer, Northamptonshire UK

APPLICATION DATE

December 2013

APPLICATION SITUATION

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

PROBLEM

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

PRODUCTS

Belzona 1161 (Super UW-Metal)

Belzona 5831 (ST-Barrier)

SUBSTRATE

Steel

APPLICATION METHOD

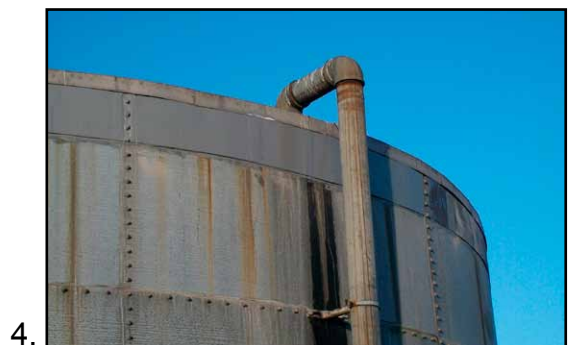
Application was carried out in accordance with Belzona Know How System Leaflets TCC-1 and TCC-5. Doubler plates were bonded in place with Belzona 1161 before applying Belzona 5831 for overall corrosion protection.

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.

PICTURES

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



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