

BELZONA SEALS LIVE LEAK IN LARGE WATER TANK

ID: 4690



PROBLEM

The tank was leaking at the base due to a failed seal, causing local flooding. The customer had tried to seal the leaking area with other products but this had failed and was still leaking. So a local service company recommended they contact Belzona.

APPLICATION SITUATION

6m diameter x 6m high circular tank constantly supplying water for the processing of food 24 hrs a day and 7 days a week.

APPLICATION METHOD

Application was carried out according to Belzona Know How System Leaflet TCC-1. After removing the previous repair materials and roughening the surface, belzona 1291 used in conjunction with a clamp was used to stem the leak before applying Belzona 1161 incorporating Belzona 9341 (reinforcement Tape) over the area to create a permanent seal.

BELZONA FACTS

To drain the large tank to repair the leaking seal area by normal methods and then refill it would close down the factory for 1-2 days costing thousands of pounds in lost production was not an option. Instead they purchased a Belzona Leak Repair Kit, less than £100 of Belzona was used and the live leak was solved in less than 2 hours without stopping any production. This repair was inspected 5 months later and is still in perfect condition with no leaks.

INDUSTRY

Food & Drink

LOCATION

International Food Processor, UK

APPLICATION DATE

April 2013

PRODUCTS

Belzona 1291 (ES Metal) Belzona 1161 (Super UW Metal)

SUBSTRATE

Steel

PHOTOS

1. Large water tank with leaking area at base 2. Leaking area showing water squirting out 3. Leak stopped with Belzona 1291 using clamp to hold it in place against force of leaking water 4. Completed repair coated over with Belzona 1161 & 9341.

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