

BELZONA PLATE BONDING REPAIRS TO REACTION TANK

ID: 5624



PROBLEM

Due to the access and geometry of the areas, traditional methods of repair would be problematic. A weld repair also had the potential to damage the internal lining of the tank.

APPLICATION SITUATION

Tank experiencing external corrosion due to rainwater sitting around the lower edges of the outer wall. The external paint system had failed and the tank was going thin wall in places.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-1. After preparing the area, plates were bonded in place using Belzona 1111 before being overcoated with Belzona 1321 to provide corrosion protection.

BELZONA FACTS

The repairs were carried out in a day & a half during the customer's shutdown period. They were cured in time for their startup the week after.

INDUSTRY

Food & Drink

LOCATION

Food & Drink Industry, Nutrition Product Manufacturer, Scotland

APPLICATION DATE

May 2015

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Mild Steel

PHOTOS

1. Tank with scaffold erected
2. Thin wall area
3. & 4. Plate bonded and overcoated

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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