

BELZONA PROVIDES A SECOND LIFE TO THIS COOLING TOWER

ID: 7737



PROBLEM

External corrosion leading to significant wall thinning and localised through wall defects.

APPLICATION SITUATION

Heat Exchanger - acid cooling tower. Operating pressure of 1 bar and temperature between 30 and 50C.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5.

BELZONA FACTS

Two towers were suffering from the same problem at the same time: through wall defects due to corrosion. The customer had one spare ready (costing 90,000€) but could not afford to wait for a replacement one being given the 8 months lead time. The Belzona repair was completed in 4 days by a team of 3 technicians. The tower was put back in service within 72 hours. The Belzona repair (products + application) did cost one-third of the replacement cost (30,000€).

INDUSTRY

Steel & Metal Processing

LOCATION

Metal processing plant, France

APPLICATION DATE

May 2018

PRODUCTS

Belzona 1221 (Super E-Metal)

Belzona 1121 (Super XL-Metal)

Belzona 5811 (Immersion Grade)

SUBSTRATE

Carbon Steel

PHOTOS

1 - The cold bonding of metal plate to patch up thin areas

2 - Wrap in progress

3 - Wrap completed

4 - Coating for further corrosion protection

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

