

BELZONA PROVIDES A SECOND LIFE TO THIS COOLING TOWER

CUSTOMER

Metal processing plant, France

APPLICATION DATE

May 2018

APPLICATION SITUATION

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

PROBLEM

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

PRODUCTS

Belzona 1221 (Super E-Metal)
Belzona 1121 (Super XL-Metal)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Carbon Steel

APPLICATION METHOD

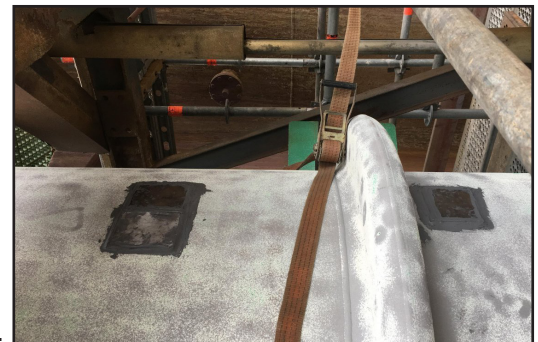
Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5.

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€).

PICTURES

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



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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