

# BELZONA REPAIRS HOLED CLARIFIER

ID: 1402



## PROBLEM

Corrosion along the water line had resulted in a series of holes and thin areas around the entire circumference of the tank.

## APPLICATION SITUATION

Waste Water tank at a Chemical Plant

## APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-1. Angle iron was bonded with Belzona® 1211 to the tank to support fabricated steel bands during application. Belzona® 1121 was used in conjunction with self tapping screws to bond the band to the tank wall. The interior of the tank was coated with Belzona® 5811 and the exterior painted.

## BELZONA FACTS

Alternative options included either replacing the entire tank or at least the top third. The Belzona option including coating the interior with Belzona® 5811 was 1/3 the cost of a new top and 1/10 the cost of a new tank.

## INDUSTRY

Chemical & Petrochemical

## LOCATION

Chemical plant, New Jersey USA

## APPLICATION DATE

August 2008

## PRODUCTS

Belzona 1211 (E-Metal)  
Belzona 1121 (Super XL-Metal)  
Belzona 5811 (Immersion Grade)

## SUBSTRATE

Carbon Steel

## PHOTOS

1. Holes in tank wall
2. After grit blasting supports were bonded with Belzona 1211
3. Belzona 1121 being applied to shell
4. Exterior completed

For more examples of Belzona Know-How in Action, please visit [khia.belzona.com](http://khia.belzona.com)

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

[www.belzona.com](http://www.belzona.com)

