

# COOLING TOWER REFURBISHED WITH BELZONA

ID: 1223

**Industry:** Heating, Ventilation & Air Conditioning  
**Application:** TCC-Tanks and Chemical Containment Areas

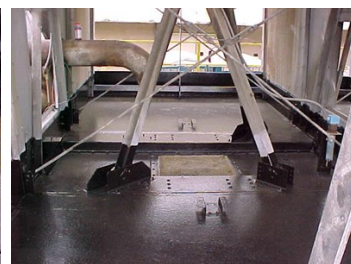
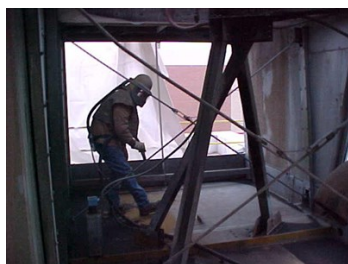
**Customer Location:** Hospital, Memphis Tennessee USA  
**Application Date:** 2008

**Substrate:** Galvanized steel plates

**Products:** <div>Belzona® 3121 (MR7)</div><div>Belzona® 5811 (immersion Grade)</div><div>Belzona® 1121 (Super XL Metal)</div>

## Problem

The corroded and holed areas needed repair and the cold water basin needed sealing to prevent leakage and future corrosion.



## Photograph Descriptions

\* Cooling Tower overview , \* Blasting the Cold Water Basin , \* Belzona® 3121 over the seams , \* Final coat of Belzona® 5811 ,

## Application Situation

Cooling Tower with severe corrosion in cold water basins

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets TCC-1, TCC-5 and RPA-1. The steel was grit blasted, holes repaired with Belzona® 1121. Seams sealed with Belzona® 3121 and Belzona® 5811 applied to provide overall corrosion protection.

## Belzona Facts

A new tower would cost \$80,000 and downtime would have been weeks. The hospital needed a 5 day turnaround which was achieved using Belzona.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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