

# BELZONA SEALS CONCRETE COOLING TOWER BASINS

ID: 1224

Industry: *Chemical & Petrochemical*

Customer Location: *Chemical Plant, West Tennessee USA*

Application: *HEX-Heat Exchangers*

Application Date: *2008*

Substrate: *Concrete*

Products: *<div>Belzona® 4111 (Magma Quartz)</div><div>Belzona® 5811 (Immersion Grade)</div>*

## Problem

*Cracks in the concrete were allowing water leaks into the environment.*



## Photograph Descriptions

\* Cooling Tower overview , \* Walls repaired with Belzona® 4111 , \* First coat of Belzona 5811 being applied , \* Final Coat of Belzona 5811 applied ,

## Application Situation

Concrete Basins in cooling tower were leaking shortly after the start up of a new unit.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets HEX-6 and -7. After grit blasting the concrete, cracks were sealed with Belzona® 4111 then coated with a reinforced Belzona® 5811 system. The entire basin was then coated with Belzona® 5811.

## Belzona Facts

Previous success with Belzona at the plant allowed us to be chosen for this project. The system used has excellent resistance to continuous immersion ensuring long term leak free service.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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