

## BELZONA SEALS CONCRETE COOLING TOWER BASINS

### CUSTOMER

Chemical Plant, West Tennessee USA

### APPLICATION DATE

2008

### APPLICATION SITUATION

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

### PROBLEM

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

### PRODUCTS

Belzona® 4111 (Magma Quartz)

Belzona® 5811 (Immersion Grade)

### SUBSTRATE

Concrete

### 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.

### PICTURES

1. Cooling Tower overview
2. Walls repaired with Belzona® 4111
3. First coat of Belzona 5811 being applied
4. Final Coat of Belzona 5811 applied



1.



2.



3.



4.

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



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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