

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

FS 695214

ISO 14001:2015

EMS 695213

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