

Belzona Stops Cooling Tower Leaks

ID: 527

Industry: Power

Customer Location: Independent Power Plant in South Texas,
USA

Application: FPA-Floor Problem Areas

Application Date: March 2005

Substrate: Concrete

Products: * Belzona 2211 (MP Hi-Build Elastomer) ,
* Belzona 2221 (MP Fluid Elastomer) ,
* Belzona 2911 (Elastomer QD Conditioner) ,

Problem

Leaks in expansion joints were causing losses of valuable cooling water. Client needed a cost effective way to stop the leaks.



Photograph Descriptions

- * 1. Large Cooling Tower ,
- * 2. Joint blasted and backer installed ,
- * 3. Belzona 2221 being poured into joint ,
- * 4. Next day- finished repair. Joint holds back rainwater ,

Application Situation

Plant planned a short outage to seal the water leaks. Belzona needed to be there non-stop to supervise these repairs.

Application Method

Remove old sealants. Grit blast and and insert backer. Apply 2911 and Belzona 2211 to verticals and Belzona 2221 to horizontals.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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Repair • Protect • Improve

Belzona Facts

The use of Belzona elastomers was cost effective over alternative materials. Belzona know how allowed for a faster repair than alternatives.

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