

# Belzona: Stops Leaks in Cooling Towers

ID: 528

Industry: Power  
Application: HEX-Heat Exchangers  
Substrate: Concrete  
Products: \* Belzona® 2211 (MP Hi-Build Elastomer) ,  
\* Belzona® 2221 (MP Fluid Elastomer) ,

Customer Location: Power Plant in South Texas  
Application Date: March 2005

## Problem

Leaking water was causing economic concerns. The old joint sealants had worn down and ground movement caused leaks in the concrete floor and walls.



## Photograph Descriptions

- \* Cooling tower ,
- \* Expansion joints being prepared ,
- \* Belzona® 2221 being poured into backed joints ,
- \* Finished joint holds back rainwater ,

## Application Situation

Cooling tower basin

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-13b.

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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## Belzona Facts

Belzona's elongation and superior adhesion characteristics were demonstrated using bricks. Client selected Belzona based on product capabilities, Belzona Know-How and excellent local service. Alternative considered was a spray on urethane system that did not have the desired elongation.

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