

# Know-How and Belzona® 4111 Make Critical Repair

ID: 526

Industry: Power  
Application: HEX-Heat Exchangers  
Substrate: Concrete  
Products: \* Belzona® 4111 (Magma-Quartz),

Customer Location: Power Plant - Texas U.S.A.  
Application Date: March 2005

## Problem

Lack of sufficient mixing of acid used for pH control in cooling tower water caused concrete deterioration on critical support members of cooling tower.



## Photograph Descriptions

- \* Cooling tower at power plant ,
- \* Acid damaged concrete support ,
- \* Belzona® 4111 applied using formers ,
- \* Finished project ,

## Application Situation

Cooling tower

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet HEX-6.

## Belzona Facts

A short outage was planned to make other repairs in the cooling tower when damage was discovered. Client needed a quick solution. Belzona Know-How and its quick-curing Belzona® 4111 allowed this repair to be made in the short shut down period allowed. Acid feed has since been moved to prevent future damage.

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.

[www.belzona.com](http://www.belzona.com)

