

REPAIRING COOLING TOWER SEAMS WITH BELZONA

ID: 5896

Industry: *Buildings & Structures*

Application: *HEX-Heat Exchangers*

Substrate: *Stainless Steel.*

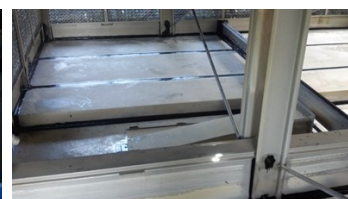
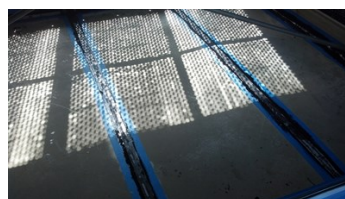
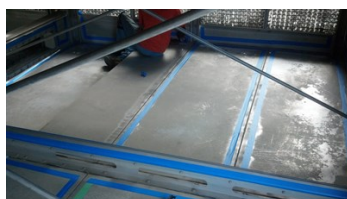
Products: ** Belzona 2911 (Elastomer QD Conditioner) ,
* Belzona 9341 (Reinforcement Tape) ,
* Belzona 2131 (D & A Fluid Elastomer) ,*

Customer Location: *Hospital, North Carolina, USA*

Application Date: *August 2015*

Problem

Towers were leaking around seams and protrusions.



Photograph Descriptions

- * Blasting completed, prior to media removal ,
- * Taping and conditioning all seams/protrusions ,
- * First coat of Belzona 2131, embedding Belzona 9341 ,
- * Completed application to towers ,

Application Situation

Roof-mounted cooling towers (2 cells joined into 1 tower).

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets HEX-6, HEX-13, TCC-12, FPA-6 and a modified version of FPA-7. The substrate was prepared via media blast with Black Beauty, cleaned, taped, and then conditioned with Belzona 2911. Once cured for ½ hour, a two-coat reinforced system of Belzona 2131 was utilized to create a polymer overlay over all assembly seams/joint. Bolt holes and other protrusions were top-dressed with a coating of Belzona 2131.

Belzona Facts

Belzona provided a cost effective solution to the leaking tower, allowing for a return to service within 4 days of the beginning of application.

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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9000 Registered Quality
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