

REPAIRING COOLING TOWER SEAMS WITH BELZONA

CUSTOMER

Hospital, North Carolina, USA

APPLICATION DATE

August 2015

APPLICATION SITUATION

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

PROBLEM

Towers were leaking around seams and protrusions.

PRODUCTS

Belzona 2911 (Elastomer QD Conditioner)

Belzona 9341 (Reinforcement Tape)

Belzona 2131 (D & A Fluid Elastomer)

SUBSTRATE

Stainless Steel.

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 1/2 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

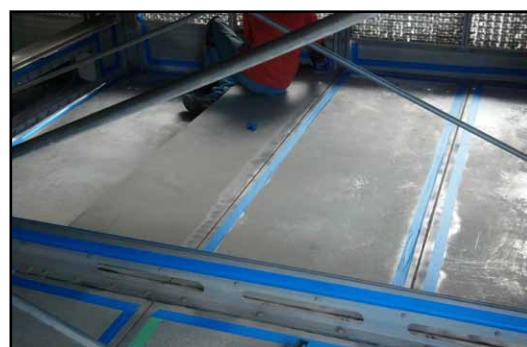
Belzona provided a cost effective solution to the leaking tower, allowing for a return to service within 4 days of the beginning of application.

PICTURES

1. Blasting completed, prior to media removal
2. Taping and conditioning all seams/protrusions
3. First coat of Belzona 2131, embedding Belzona 9341
4. Completed application to towers



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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