

New double Water box Traine chiller

ID: 9269

Industry: *Buildings & Structures*

Customer Location: *Dallas, Texas*

Application: *HEX-Heat Exchangers*

Application Date: *January 2024*

Substrate: *Carbon steel*

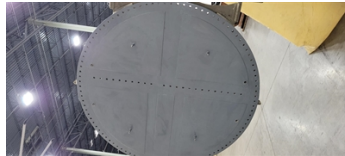
Products: *Belzona 1121 (Super XL-Metal), Belzona 1321 (Ceramic S-Metal)*

Problem

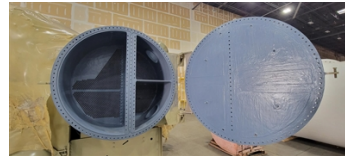
New chillers required protection before being put into service.



Overview of chiller



Application of Belzona 1121



Application of Belzona 1321



Application of Belzona 1321

Application Situation

These chillers were pre-coated to prevent erosion and corrosion while in service. It was decided to do this before installation of the chiller.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets HEX-1, HEX-2, and HEX-3. Belzona 1121 was used to seal all the seams before coating, Belzona 1321 was applied in two coats after Belzona 1121 was cured. The product was applied by hand. Corks were inserted before blasting then again before coating to protect the copper tubes. The water boxes were also coated.

Belzona Facts

The customer had a satisfactory history with Belzona on other chillers and requested Belzona be used. It was applied before the chiller was placed into service.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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