

Cooling unit in a hospital water box

ID: 9895

Industry: *Buildings & Structures*

Customer Location: *Oklahoma city*

Application: *HEX-Heat Exchangers*

Application Date: *March 2025*

Substrate: *Carbon steel*

Products: *Belzona 1121 (Super XL-Metal), Belzona 5811 (Immersion Grade)*

Problem

The pan was suffering for corrosion and pin holes that was leaking water out of the pin holes and running into a operating room



Inside look cooling unit pan before first coat



Outside look cooling unit pan before first coat



First coat of Belzona 5811 red



Second coat of Belzona 5811 black

Application Situation

The hospital estimated that it would take about 6 weeks to replace this unit by cutting it out, breaking down walls, Belzona was able to repair in in two days .

Application Method

We could not use any blasting equipment, so the pan was prepped by a wire cup on a grinder. no specialized equipment was needed.

Belzona Facts

The cost for n new unit was \$375000.00

The cost for remove and install the unit was \$275000

Belzona was under 10k

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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