

BELZONA RESCUES AN AIR HANDLER UNIT OVER THE WEEKEND

ID: 9805



PROBLEM

The internal surfaces of the air handler suffered from heavy corrosion due to lack of maintenance and poor performance coatings. Corroded section required removal, new metal was bonded and protective coating was applied to extend the life.

APPLICATION SITUATION

The units was severely corroded to the point of significant metal loss. The rust needed to be removed, new metal was bonded, and coating was required to protect and extend the life of this unit.

APPLICATION METHOD

Corrosion was removed using power tools. Most of the metal was cut out, and replaced with new metal using bonding techniques. Then, one coat of Belzona 5831 and a final coat Belzona 5811 were applied.

BELZONA FACTS

The surface tolerant properties of Belzona 1161 and Belzona 5831 were a decisive factor for the customer. Surface preparation couldn't be optimal due to excessive humidity. The certified applicator was also committed to complete the job over the weekend.

INDUSTRY

Heating, Ventilation & Air Conditioning

LOCATION

West Palm Beach

APPLICATION DATE

August 2023

PRODUCTS

Belzona 1161 (Super UW-Metal)
Belzona 5811 (Immersion Grade)
Belzona 5831 (ST-Barrier)

SUBSTRATE

Carbon steel

PHOTOS

1. Air handler unit condition before Belzona treatment
2. New metal was bonded using Belzona 1161
3. Air handler unit after application of Belzona 5831
4. Air handler unit after application of final coat of Belzona 5811

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