

HEAVILY CORRODED AIR HANDLING REFURBISHED WITH BELZONA 5831

ID: 9704



PROBLEM

Two air handling units were heavily corroded and leaking in several areas. The whole basin needed to be coated and properly sealed.

APPLICATION SITUATION

The customer left these units untreated and unprotected for many years, resulting in significant deterioration. The rust needed to be removed, and coating was required to protect and extend the life of these units.

APPLICATION METHOD

All the rusty areas were scrapped and removed with a putty knife followed by power tool cleaning. Then two coats of Belzona 5831 were applied. The system was allowed to cure for 2 days before being put back in service.

BELZONA FACTS

The surface-tolerant properties of Belzona 5831 were essential for this application. There was significant moisture and condensation on the surface, making it impossible to fully dry, and the substrate was so deteriorated that achieving ideal surface preparation was challenging.

INDUSTRY

Heating, Ventilation & Air Conditioning

LOCATION

Ontario

APPLICATION DATE

August 2024

PRODUCTS

Belzona 5831 (ST-Barrier)

SUBSTRATE

Carbon steel

PHOTOS

1. One of the basins before cleaning.
2. Basin during surface preparation.
3. During application of Belzona 5831
4. Both units after coating application.

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