

BELZONA FLORIDA REPAIRS WATER DISCHARGE FLANGE

ID: 9237



PROBLEM

The customer had a non-Belzona coating previously applied that failed, causing corrosion scaling on the interior edge of the flange.

APPLICATION SITUATION

Belzona offered time savings and replacement of failed non-belzona coating.

APPLICATION METHOD

Removed corrosion scaling with pneumatic chipping guns and needle scalers. A high pressure grit blaster with 24 grit aluminum oxide was utilized to obtain a SSPC SP-10 level of cleanliness with a minimum surface profile of 3 mils. Keane-Tator Surface Profile Comparator grit was used to verify the surface profile. The area was then soaked with demineralized water and left to sit overnight to allow chlorides to leech out. Then it was brush blasted with 30 grit aluminum oxide back to SSPC SP-10.

BELZONA FACTS

Saved the company downtime and provided them with a long lasting and reliable solution.

INDUSTRY

Power

LOCATION

Fort Lauderdale, Florida

APPLICATION DATE

December 2023

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Concrete

PHOTOS

1. Showcasing and measuring the damage caused by the corrosion.
2. Showcasing and measuring the damage caused by the corrosion.
3. Rebuilding the damage using Belzona 1111.
4. Application of Belzona 1321.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

