

Belzona Rebuilds Flange Faces

ID: 9907

Industry: Chemical & Petrochemical
Application: GSS-Gaskets, Seals and Shims
Substrate: Carbon steel
Products: Belzona 1111 (Super Metal), Belzona 9411 (Release Agent)

Customer Location: Baytown, TX
Application Date: November 2023

Problem

Client has numerous flanges that are corroded. They are replacing the flanges with new and want to coat the new ones to protect from corrosion and add life to their new assets. The cost and turnaround time to apply Belzona on the flanges was a great choice.



Close up on the flange before application.



Close up picture on the flange after Belzona 1111 is applied and cured.



Closeup picture on the flange after Belzona 1111 is applied and cured.



A number of flanges all rebuilt with Belzona 1111.

Application Situation

The customer should have an extended life on the new flanges with Belzona on the sealing surface because the 1111 is compatible with their service and will protect from the corrosive environment.

Application Method

1. Power tool prep was completed using a grinder and cutting disk.
2. Belzona 9411 was used to apply on the fabricated former as a release agent.
3. Belzona 1111 was mixed and applied by brush to build up a ~.25" thick layer of product.
4. The former was applied and compressed the product. Once cured, the former was removed. The product was smooth and had a gramophone finish.

Belzona Facts

Flange rebuild applications are relatively inexpensive. The customer saves downtime in the future now that sealing surface has a corrosion resistant surface. Also, we trained the local contractor to apply this product and allow for a smooth application. Giving them the ability to benefit from work like this in the future. The customer was pleased with the result and the assets are in service still today, with no issue.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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