

Belzona 4311 Protects Outdoor Sulfuric Acid Containment for Years to Come

ID: 9466

Industry: Power

Customer Location: Birmingham, AL

Application: TCC-Tanks and Chemical Containment Areas

Application Date: January 2024

Substrate: Concrete

Products: Belzona 4111 (Magma-Quartz), Belzona 4311 (Magma CR1), Belzona 4361

Problem

Our client was experiencing significant deterioration and wear on an outdoor chemical containment. They were looking for a coating to protect the containment for the future.



Blasted and Prepared Containment



Base Coat Used was Belzona 5811



First coat of Belzona 4311 Applied



2nd and Final Coat of Belzona 4311 Applied Incorporating Aluminum Oxide for a nonskid finish

Application Situation

Belzona offered a protection of their outdoor containment and regular loading/unloading of chemicals within. Our client had used this product before in other containments and a nearby sump and it worked out really well.

Application Method

We sandblasted the existing coating. We then addressed concrete damage with Belzona 4111. There were some cracks that also needed to be addressed and we selected 4361 as the answer with cloth to bridge those cracks. We then applied 1 coat of Belzona 5811 as a primer and followed with (2) coats of Belzona 4311 to protect it from sulfuric acid and caustic soda.

Belzona Facts

They have seen this product work well at their plant and in service and wanted to extend the use in other facilities.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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

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