

Belzona 4311 Protects Chemical Storage Room

ID: 9893

Industry: Water / Wastewater
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Concrete
Products: Belzona 4311 (Magma CR1), Belzona 5811 (Immersion Grade)

Customer Location: Northport, AL
Application Date: January 2025

Problem

Our customer was looking for a coating to protect a concrete floor in a storage area. Sulfuric acid was going to be placed in this storage area to be staged for use and they were looking for a way to protect the floor in the event of spills.



Chemical Storage Area 1 - Prior to Grinding/ Standard concrete floor



Chemical Storage Area 2 - Prior to Grinding / Standard Concrete Floor



Completed (1) Coat of Belzona 5811 and (1) coat of Belzona 4311



Completed (1) Coat of Belzona 5811 and (1) coat of Belzona 4311

Application Situation

Our customer was looking for a cost efficient floor coating to protect chemical storage floors in the event of spills. These areas existed as closets before so the concrete was in good shape, just needed to be prepared for the coating.

Application Method

We used a diamond wheel grinder to bring the concrete to bare and provide a roughened profile. We then applied 1 coat of Belzona 5811 to the floor and following with (1) heavy coat of Belzona 4311 on top. Both areas completed in 2 days.

Belzona Facts

Belzona offered a superior option for chemical protection. We met this client at a regional water/wastewater conference and had been in discussion for use for 1 year before moving forward. This opportunity has brought us entrance into the plant and other applications.

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

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