

Belzona 7211 Deep Pour Grout for Tank Base

ID: 8581

Industry: Chemical & Petrochemical
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Steel
Products: * Belzona 7211 ,
* Belzona 5811 (Immersion Grade) ,
* Belzona 5111 (Ceramic Cladding) ,

Customer Location: Montana USA
Application Date: August 2020

Problem

The wall of this petroleum storage tank had heavy loads on it, but the base of the tank wall was not resting on the annular ring.



Photograph Descriptions

- * 1) Sections of failing Cementous grout easily removed in sections. ,
- * 2) Belzona 7211 mixed and transported to pour site where form work and head boxes were installed. Belzona 5811 was used in sections less than 2" deep. ,
- * 3) View of a section being poured next to previously poured section. Work was done in sections to prevent excessive loads without a base. ,
- * 4) Belzona 5111 being applied to provide an UV resistant coating over grout. ,

Application Situation

Application required filling the existing gap between the tank annular ring and base.

Application Method

A head box was used to apply the material with simple form work.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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Belzona Facts

The ability to grout the tank with proper materials put this tank back in service as it could not be used in this condition. This increased the storage capacity at this terminal considerably and restored this asset. Belzona 7211 and 5811 will not shrink and have high compressive loads preventing future failure and water ingress that causes freeze thaw problems.

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