

BELZONA 5812DW RESTORES POTABLE WATER TANK

ID: 6240

Industry: Water / Wastewater
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Steel
Products: * Belzona 5812DW ,
* Belzona 1111 (Super Metal) ,
* Belzona 9341 (Reinforcement Tape) ,

Customer Location: Eastern Oklahoma, USA
Application Date: July 2016

Problem

This rural water utility's 40-year-old primary storage tank for potable water had corrosion, pitting, sediment build-up, and a few dime-sized holes. Any coating or repair material had to be NSF 61 approved.



Photograph Descriptions

- * 1. Wall of the tank with heavy sediment build-up, surface corrosion and pitting. ,
- * 2. Surface prepared and application of Belzona 5812DW in progress. ,
- * 3. Completed application to wall and ceiling with 2 coats of Belzona 5812DW. ,
- * 4. Coating of the floor completes the restoration. ,

Application Situation

Internal lining and hole patching of a 100,000 gallon potable water tank

Application Method

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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Repair • Protect • Improve

The sediment was removed followed by a thorough surface pressure clean. To ensure effective adhesion the surface was abrasive blasted. Holes were repaired from the outside of the tank using Belzona 1111 and Belzona 9341 in accordance with the Belzona Know-How System Leaflet TCC-1. Belzona 5812DW was applied to the ceiling, floor and inner wall of the tank according to the Belzona 5812DW Instructions for Use document.

Belzona Facts

Installing a new tank was not an option for this small town water utility, but Belzona was able to restore the old tank and keep it operating for years to come. According to the customer, "it looks like a brand new tank!"

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