

BELZONA 5812DW RESTORES POTABLE WATER TANK

ID: 6240



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.

APPLICATION SITUATION

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

APPLICATION METHOD

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!"

INDUSTRY

Water / Wastewater

LOCATION

Eastern Oklahoma, USA

APPLICATION DATE

July 2016

PRODUCTS

Belzona 5812DW
Belzona 1111 (Super Metal)
Belzona 9341 (Reinforcement Tape)

SUBSTRATE

Steel

PHOTOS

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.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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under an ISO 9001 Registered
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