

Corrosion in water storage tanks

ID: 9559

Industry: Water / Wastewater
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Carbon steel
Products: Belzona 1121 (Super XL-Metal)

Customer Location: Riverview New Brunswick
Application Date: September 2024

Problem

Excessive corrosion on the interior steel of the water storage tank. A new lining could not be installed until the corrosion damage was repaired.



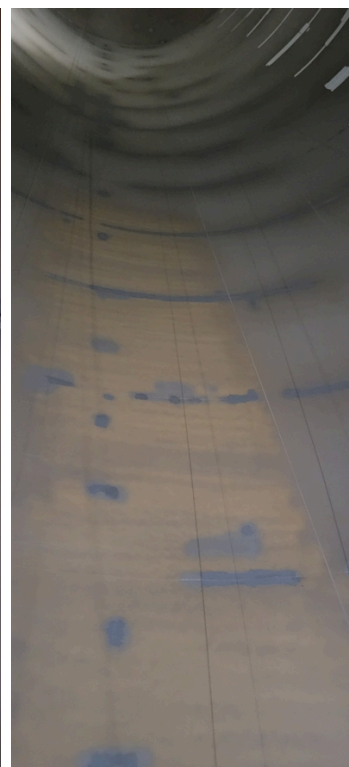
Pitting caused by corrosion.



Pitting caused by corrosion at the inside of the water storage tank.



Belzona 1121 applied to fill the pits.



Pitting and porous welds filled with Belzona 1121.

Application Situation

Welding would have taken significantly longer to do, Belzona provided a quick solution - minimizing downtime.

Application Method

Tank was abrasive blasted to SSPC SP 5. Belzona 1121 was mixed per the Instructions for Use and applied using a Belzona Applicator.

Belzona Facts

Belzona saved the project from significant time delays associated with weld repairs.

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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