

# Sand Filter Repair

ID: 9534

Industry: Steel & Metal Processing

Customer Location: Gallatin TN

Application: TCC-Tanks and Chemical Containment Areas

Application Date: August 2021

Substrate: Carbon steel

Products: Belzona 1161 (Super UW-Metal), Belzona 1212, Belzona 1982 (SuperWrap II), Belzona 4111 (Magma-Quartz), Belzona 9611 (ES-Metal)

## Problem

The filter tank was leaking in several areas. The base of the tank had very thin walls. It was in such bad shape it was unsafe to do the repairs from the inside.



Damage on the tank.

Application of Belzona 4111.

The base of the tank surface is prepped.

Finished application.

## Application Situation

They chose Belzona because of the short down. To replace the tank would have been very expensive and a long down time that would shut the plant down,

## Application Method

The area around the bottom of the tank was cleaned and Belzona 4111 was applied around the base of the tank. The metal was prepped any wet area we used Belzona 9611 to stop the leaks and Belzona 1161 and reinforcing cloth was used to fill in any voids and holes. then 1982 Superwrap was used around the bottom part of the tank to cover the 1161.

## Belzona Facts

The total price for Belzona was \$ 26,230.00 to replace the tank would be hundreds of thousands plus downtime.

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EMS 695213

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