

# Badly deteriorated process tank due to erosion corrosion and high alkalinity refurbished by Belzona.

ID: 9425

Industry: *Mining & Quarrying*

Customer Location: *Ontario, Canada*

Application: *TCC-Tanks and Chemical Containment Areas*

Application Date: *May 2024*

Substrate: *Other*

Products: *Belzona 1121 (Super XL-Metal), Belzona 1341 (Supermetalglide), Belzona 1982 (SuperWrap II), Belzona SuperWrap II, Belzona 5111 (Ceramic Cladding)*

## Problem

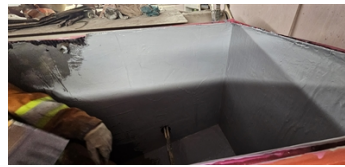
*Process tank was in a deplorable state after years of wear due to erosion corrosion.*



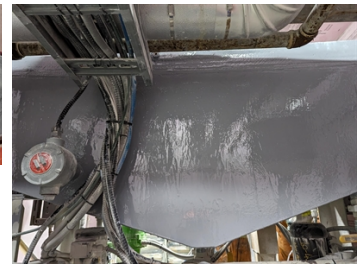
Tank before surface preparation.



Tank after surface preparation and rebuilding with Belzona 1121.



After wrapping top part of tank with superwrap II, the internal is being coated with Belzona 1341.



Tank External after coating with Belzona 5111.

## Application Situation

Customer decided to refurbish with Belzona to give protection which would be the same approach if a new tank is purchased.

## Application Method

- Tank was cleaned using a power tool and a cleaner/ degreaser.
- Internal of the tank was rebuild with Belzona 1121.
- The worn part at the top was reinforced with Belzona superwrap II.
- The internal was then coated with Belzona 1341 and external with Belzona 5111.

## Belzona Facts

Belzona was able to bring tank back to life and it was put back to service afterwards.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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