

BELZONA STEMS LEAK AND REPLACES FAILED SEWAGE TANK BASE SEAL

ID: 10031

Industry: Chemical & Petrochemical

Customer Location: ELMIRA, ONTARIO

Application: TCC-Tanks and Chemical Containment Areas

Application Date: September 2025

Substrate: Carbon steel

Products: Belzona 1161 (Super UW-Metal), Belzona 3111 (Flexible Membrane), Belzona 3921 (GSC Surface Conditioner), Belzona 4111 (Magma-Quartz), Belzona 4151 (Magma-Quartz Resin), Accessories

Problem

Sewage tank was experiencing leaks from various parts of the seal. Belzona discussed various options of repair to firstly stem the leak, seal the perimeter around the seal and application of the microporous solution.



Tank base during surface preparation



Stemming the leak with Belzona 1161



Sealing the perimeter with Belzona 4111



After application of two coats of Belzona 3111 with mesh.

Application Situation

The alternative solution was to drain the tank, lift the tank, repair, put back in place, and seal. These processes were estimated at around 250k without labor. However, Belzona did not only stem the leak in-situ but also repair the seal and was almost 8 times cheaper with labor included.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet GSS-3 and TCC-9.

Belzona Facts

Belzona was 8 times cheaper, repaired the leak without shutdown, and was completed in two days.

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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