

BELZONA STEMS LEAK AND REPLACES FAILED SEWAGE TANK BASE SEAL

ID: 10031



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.

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.

INDUSTRY

Chemical & Petrochemical

LOCATION

ELMIRA, ONTARIO

APPLICATION DATE

September 2025

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

SUBSTRATE

Carbon steel

PHOTOS

1. Tank base during surface preparation
2. Stemming the leak with Belzona 1161
3. Sealing the perimeter with Belzona 4111
4. After application of two coats of Belzona 3111 with mesh.

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

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

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