

# Steel panel tanks suffering from corrosion

ID: 9799

**Industry:** Water / Wastewater  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Other  
**Products:** Belzona 1111 (Super Metal), Belzona 3131 (WG Membrane)

**Customer Location:** Warrington  
**Application Date:** April 2025

## Problem

A wastewater site with typical glass-infused steel panel tanks were experiencing leaks due to internal chemical attack and environmental exposure, resulting in localised through-wall defects and seam failures.



Through wall defects from internal chemical attack and environmental exposure



Surface area cleaned and prepared to minimum surface profile



Composite plate bonded with Belzona 1111



For added protection, all affected areas were then coated with Belzona 3131

## Application Situation

Due to service restraints, internal access wasn't granted and all works had to be completed externally while remaining in service. Several of the tanks were repaired whilst remaining in service

## Application Method

To restore integrity, all identified areas were thoroughly cleaned and prepared before cold bonding Belzona SuperWrap II composite plates to all defects using Belzona 1111.

Belzona 1111 was also applied to areas of concern along the seam lines to bring back to their original profile.

For added protection, all affected areas were then coated with Belzona 3131, restoring performance and extending service life.

## Belzona Facts

The storage tanks were effectively repaired whilst remaining in service, saving time and money on expensive shut down procedures

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

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