

# Belzona 5811 Stops Corrosion in Waste Treatment System

ID: 9855

**Industry:** Water / Wastewater  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Carbon steel  
**Products:** Belzona 1111 (Super Metal), Belzona 5811 (Immersion Grade), Belzona 9111 (Cleaner Degreaser)

**Customer Location:** Southern Ohio Rest Area  
**Application Date:** September 1997

## Problem

The State of Ohio tried a steel septic tank instead of concrete at one of their rest areas and were met with severe corrosion. Ohio specified Belzona 5811 (Immersion Grade) to coat the interior instead of replacing the tank with a concrete one.



Blasting the unit



Weld seams coated with Belzona 1111 (Super Metal)



1st coat of Belzona 5811 (Immersion Grade) Gray



2nd coat of Belzona 5811 (Immersion Grade) Black

## Application Situation

This stand alone waste treatment system in Southern Ohio was seeing typical corrosion. The State of Ohio had tried to use steel tanks instead of the tried and true concrete tanks. Belzona 5811 (Immersion Grade) was specified by the State of Ohio for this application.

## Application Method

Grit blasting was the preferred surface prep method followed by flooding with Belzona 9111 (Cleaner/Degreaser). Belzona 1111 (Super Metal) was used to stripe the weld seams followed by two 10-mil coats of Belzona 5811 (Immersion Grade)

## Belzona Facts

Belzona was chosen in lieu of replacing this tank with a concrete one.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

**BELZONA**  
Repair • Protect • Improve