

BELZONA 5811 STOPS CORROSION IN WASTE TREATMENT SYSTEM

ID: 9855



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.

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.

INDUSTRY

Water / Wastewater

LOCATION

Southern Ohio Rest Area

APPLICATION DATE

September 1997

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 5811 (Immersion Grade)
Belzona 9111 (Cleaner Degreaser)

SUBSTRATE

Carbon steel

PHOTOS

1. Blasting the unit
2. Weld seams coated with Belzona 1111 (Super Metal)
3. 1st coat of Belzona 5811 (Immersion Grade) Gray
4. 2nd coat of Belzona 5811 (Immersion Grade) Black

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