

# BELZONA PROTECTS CONCRETE IN BIODIESEL PLANT

ID: 1234

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** concrete  
**Products:** \* Belzona® 5811 (Immersion Grade),

**Customer Location:** Biodiesel Manufacturer, Memphis, TN  
**Application Date:** 2008

## Problem

Biodiesel attacked the concrete substrate causing erosion leading to unsafe walking conditions.



## Photograph Descriptions

- \* Concrete pad before repair ,
- \* Pad during repair ,
- \* Completed project ,

## Application Situation

Concrete surfaces around biodiesel pumps and tanks

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-15. Surface was prepared with 20,000 psi pressure washer which removes deteriorated concrete and removes contamination at the same time. This repair was done over a 2 day period. Aggregate was applied into the Belzona® 5811 to create a non-slip walking surface.

## Belzona Facts

The Belzona system was applied with minimal downtime and provides both protection from further concrete deterioration whilst providing a safe walking surface.

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  
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