

# BELZONA PROTECTS 10,000 SQUARE FEET OF FLOORING

ID: 69

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Concrete  
**Products:** \* Belzona® 5811 (Immersion Grade),  
\* Belzona® 2131 (D&A Fluid Elastomer),

**Customer Location:** Chemical Plant in Alabama  
**Application Date:** December 1996

## Problem

The chemical plant needed to prevent mercury from entering the ground through the concrete containment. The situation was aggravated by 50% KOH (potassium hydroxide) that was attacking the concrete and expansion joint sealant.



## Photograph Descriptions

- \* Bridging over expansion joint in accordance with modified Belzona application procedure TCC-12 with Belzona® 2131. ,
- \* First coat of Belzona® 5811 applied with Belzona® 9221 (Surefoot Aggregate White) broadcast for non-skid safety system. Application of second coat Belzona® 5811 (tinted red) in progress. ,
- \* The completed application, floor and ground protected from chemical degradation and contamination. ,

## Application Situation

Chemical plant floor

## Application Method

The application was carried out in accordance with Belzona Know-How Leaflets TCC-12 and TCC-15.

## Belzona Facts

Not only was the floor protected from chemical attack, the customer prevented heavy EPA fines and mercury ground contamination.

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

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