

# BELZONA SEALS 20,000sq.ft.CONTAINMENT AREA

ID: 1201

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** concrete  
**Products:** Belzona® 5811 (Immersion Grade) Belzona® 5111 (Ceramic Cladding) Belzona® 4521 (Magma-Flex Fluid)

**Customer Location:** Chemical Plant, North Alabama U.S.A.  
**Application Date:** 2007

## Problem

Cracks and failed coating over the concrete dyke.



## Photograph Descriptions

\* Over view of the containment area , \* Close up of the expansion joints , \* 2nd coat of Belzona® 5811 applied , \* Application completed with final coat of Belzona® 5111 ,

## Application Situation

Containment area required impermeable seal to protect the environment.

## Application Method

Application was carried out using a modified Belzona Know-How System Leaflet TCC-15. The concrete was high Pressure Water Jetted to remove loose coating and expansion joint sealant. Joints then sealed with Belzona® 4521. 2 coats of Belzona® 5811 and a top coat of Belzona® 5111 for UV Protection applied to entire area.

## Belzona Facts

Original Epoxy coating had chalked and deteriorated over the years. Belzona did a test patch 5 years ago and it held up well. When the project was awarded the Belzona materials were chosen. Belzona® 5111 provides outstanding resistance to UV degradation and chalking.

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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9000 Registered Quality  
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