

BELZONA SEALS 20,000sq.ft.CONTAINMENT AREA

ID: 1201

Industry: Chemical & Petrochemical

Customer Location: Chemical Plant, North Alabama U.S.A.

Application: TCC-Tanks and Chemical Containment Areas

Application Date: 2007

Substrate: concrete

Products: <div>Belzona® 5811 (Immersion Grade)</div><div>Belzona® 5111 (Ceramic Cladding)</div><div>Belzona® 4521 (Magma-Flex Fluid)</div>

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

Belzona products are

Q 09335

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 509612

Management System.

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