

BELZONA® SEALS 20,000SQ. FT.CONTAINMENT AREA

CUSTOMER

Chemical Plant, North Alabama U.S.A.

APPLICATION DATE

2007

APPLICATION SITUATION

Containment area required impermeable seal to protect the environment.

PROBLEM

Cracks and failed coating over the concrete dyke.

PRODUCTS

Belzona® 5811 (Immersion Grade)

Belzona® 5111 (Ceramic Cladding)

Belzona® 4521 (Magma-Flex Fluid)

SUBSTRATE

Concrete

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.

PICTURES

1. Over view of the containment area
2. Close up of the expansion joints
3. 2nd coat of Belzona® 5811 applied
4. Application completed with final coat of Belzona® 5111

