

BELZONA PROTECTS 10,000 SQUARE FEET OF FLOORING

ID: 69



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.

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.

INDUSTRY

Chemical & Petrochemical

LOCATION

Chemical Plant in Alabama

APPLICATION DATE

December 1996

PRODUCTS

Belzona 5811 (Immersion Grade)
Belzona 2131 (D&A Fluid Elastomer)

SUBSTRATE

Concrete

PHOTOS

1. Bridging over expansion joint in accordance with modified Belzona application procedure TCC-12 with Belzona 2131.
2. 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.
3. The completed application, floor and ground protected from chemical degradation and contamination.

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