

BELZONA LEVELS AND PROTECTS ERODED CONCRETE

ID: 1185

Industry: Chemical & Petrochemical

Application: FPA-Floor Problem Areas

Substrate: Concrete

Products: * Belzona® 4111 (Magma Quartz) ,
* Belzona® 5811 (Immersion Grade) ,

Customer Location: Chemical Plant, North Alabama, USA

Application Date: 2001

Problem

Acids and caustic mixture had eroded the concrete and EPA made the client repair the concrete so Mercury would not accumulate on the floor.



Photograph Descriptions

- * Overall view of the containment area ,
- * Using slurry mix of Belzona® 4111 to level low areas ,
- * First coat of Belzona® 5811 with non-slip aggregate ,
- * Final coat of Belzona® 5811 ,

Application Situation

Chemicals had attacked the concrete

Application Method

Application was carried out using a modified Belzona Know-How System Leaflet FPA-1. A slurry mix of Belzona® 4111 was used to level floor before coating with Belzona® 5811 with non-slip Aggregate.

Belzona Facts

Previous coatings had failed and allowed concrete deterioration. Chosen Belzona system provided the levels required together with excellent resistance to the chemicals involved.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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