

---

## BELZONA REPAIRS AND PROTECTS SULPHURIC ACID BUND

---

### CUSTOMER

Power Station, UK

### APPLICATION DATE

December 2007

### APPLICATION SITUATION

Secondary containment for two acid tanks in the water treatment section. The top tank contains 98% Sulphuric Acid which feeds into a lower tank diluted to 10% strength. and used in the water treatment process

### PROBLEM

Malfunction in the system caused a quantity of 98% Acid to be dropped, followed by a quantity of distilled water. The resultant exothermic reaction was so rapid it stripped the original coating off the concrete substrate throughout the containment area.

### PRODUCTS

Belzona<sup>®</sup> 4311 (Magma CR1)

Belzona<sup>®</sup> 4111 (Magma Quartz)

### SUBSTRATE

Concrete

### APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets TCC-9 & -15.

### BELZONA FACTS

No alternative considered since the manager of the plant is very happy with both the Belzona materials and the application by the approved contractor. Belzona coating provides long term protection from 98% Sulphuric acid.

### PHOTOGRAPHS

1. Damaged tank pad
2. Rebuilding with Belzona<sup>®</sup> 4111
3. Rebuilding complete
4. Tank pad protected with Belzona<sup>®</sup> 4311

