

COMPETITOR FAILURE BRINGS BELZONA BACK

CUSTOMER

Power Plant, Birmingham, Alabama U.S.A.

APPLICATION DATE

2001

APPLICATION SITUATION

Sulfuric acid containment area. Failed coating allowed chemical leakage into the environment.

PROBLEM

Competitor coating failed within two years. Belzona was asked to coat the concrete since Belzona® 4311 had been on the sulfuric acid tank itself for almost 12 years.

PRODUCTS

Belzona® 4311 (Magma CR-1)
Belzona® 4111 (Magma Quartz)
Belzona® 5811 (Immersion Grade)

SUBSTRATE

concrete

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets TCC-9 and TCC-15. Damaged concrete was repaired with Belzona® 4111. Coated the acid side of the containment area with Belzona® 4311 and the caustic side with Belzona® 5811.

BELZONA FACTS

Belzona® 4311 was applied to the acid tank in 1988 and 12 years later was still perfect other than a little staining. The client had used a cheap coating in containment area first and after it failed decided to spend a little more money to make it last a long time. 8 years later and minor repairs are all that are needed on the Belzona.

PICTURES

1. The acid and caustic containment area
2. Concrete damage
3. Coated containment area
4. Belzona® 4311 on the acid tank after 12 years



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