

BELZONA CONTAINS SULFURIC ACID

ID: 870



PROBLEM

Sulfuric acid leaks were eroding concrete pump bases as well as floor in small containment area

APPLICATION SITUATION

Sulfuric Acid containment area

APPLICATION METHOD

Application was carried out in accordance with modified Belzona System Leaflets TCC-9 & 15. Concrete blocks were laid using Belzona® 4131 as mortar. Floor was re-profiled and sloped so any spill would run towards the drain. The entire floor and walls were coated with Belzona® 4311.

BELZONA FACTS

Belzona offered the safest and most effective method of containing any spills. The application was carried out over a 3 day shut down, and there were no other alternatives offered to obtain the desired results in a short amount of time.

INDUSTRY

Chemical & Petrochemical

LOCATION

Ethanol Plant, Iowa, USA

APPLICATION DATE

April 2007

PRODUCTS

Belzona 4311 (Magma CR-1)
Belzona 4131 (Magma Screed)

SUBSTRATE

Concrete

PHOTOS

1. Concrete block being laid with Belzona 4131 as mortar
2. Floor sloped to the drain
3. Pumps back in service
4. Completed drain

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