

BELZONA REPAIRS AND PROTECTS A PUMP TRANSPORTING 98% SULFURIC ACID

ID: 346



PROBLEM

A pump carrying 98% sulfuric acid was leaking, causing severe deterioration of the concrete base, pump stand and the surrounding containment area.

APPLICATION SITUATION

Deteriorated pump base or plinth.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-9.

BELZONA FACTS

Other coatings were tried previously and failed. The entire containment area was later done due to the performance of the pump base.

INDUSTRY

General Industry

LOCATION

Chemical plant in Alabama, U.S.A.

APPLICATION DATE

1992

PRODUCTS

Belzona 4131 (Magma Screed)
Belzona 4311 (Magma CR1)

SUBSTRATE

Concrete and steel

PHOTOS

1. Deteriorated pump base and containment area
2. Rebuilding with Belzona 4131 (Magma Screed)
3. Coating with Belzona 4311 for finished application

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