

BELZONA KEEPS CHEMICALS CONTAINED

ID: 322



PROBLEM

Sodium sulfate as well as some sulfuric acid is used to control the pH as well as sulfur content in the cooking liquor. This sulfuric acid mixing station suffered from acid deterioration and actually contaminated the paper making stock below.

APPLICATION SITUATION

Chemical containment floor of a sulfuric acid mixing station.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-15. After pressure washing and neutralizing the containment area with soda ash, two coats of Belzona® 4311 (Magma CR1) was applied by brush and roller.

BELZONA FACTS

The mill needed a coating material that would stand a variety of concentrations of sulfuric acid up to 98%.

INDUSTRY

Pulp & Paper

LOCATION

Pulp and paper mill in Mississippi, USA

APPLICATION DATE

1995

PRODUCTS

Belzona 4311 (Magma CR1)

SUBSTRATE

Concrete

PHOTOS

1. Deteriorated sulfuric acid mixing station floor
2. First coat of Belzona 4311 (Magma CR1)
3. Finished application

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