

BELZONA REPAIR TO CONCRETE STOCK CHEST

ID: 1146



PROBLEM

The top not only lifted, it blew chunks out of the sides all the way around. Job was to fill in the voids created by the stock and to seal the edges against further leaking.

APPLICATION SITUATION

Concrete block tank holding stock being fed to the #1 Paper Machine. It has a pressure release valve to allow blow-by in case of emergencies and it failed. The pressure grew to the point that the solid, reinforced concrete lid lifted and stock blew out the sides.

APPLICATION METHOD

This application was carried out in accordance with Belzona Know-How System Leaflet TCC-9 and WPA-4. The area was grit blasted to remove stock and prepare the concrete. Deeper areas were filled with Belzona® 4141 and Belzona® 4111 was used over the entire outer surface to ensure containment.

BELZONA FACTS

The decision to use Belzona Products was based on past use and performance. Concrete for repair was considered but discounted. The application is still performing to their expectations.

INDUSTRY

Pulp & Paper

LOCATION

Containerboard Paper Mill, North Alabama, U.S.A.

APPLICATION DATE

February 2007

PRODUCTS

Belzona 4111 (Magma Quartz) Belzona 4141 (Magma Build)

SUBSTRATE

Reinforced Concrete & Blocks

PHOTOS

1. View of the Damage from below
2. Area being prepared and void packed
3. Work underway
4. Finished application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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