

BELZONA HELPS UNDER FIRE

CUSTOMER

Cement Company, Miami, FL

APPLICATION DATE

May, 2008

APPLICATION SITUATION

Bauxite Bin and Raw Mill

PROBLEM

This is a very corrosive environment due to the nature of the raw material and the high temperatures used in the process led to serious corrosion on the plant. A serious fire, However, accelerated the situation and the bauxite bin could not be used anymore, forcing a shutdown at the plant.

PRODUCTS

Belzona® 1121 (Super XL Metal)

Belzona® 3921 (GSC Surface Conditioner)

Belzona® 5111 (Ceramic Cladding)

SUBSTRATE

Carbon Steel

APPLICATION METHOD

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflets TCC-1 and TCC-5.

BELZONA FACTS

Belzona products have proven to be a success in the plant to prevent bridging and provide protection against the environment. Also, the quickness on the response ended saving the cement plant close to \$250,000 in operation costs. Belzona solution allowed for the rebuilding of the seriously damaged areas with Belzona® 1121, then Belzona® 3921 and Belzona® 5111 system as the final coating providing corrosion and abrasion resistance in the hot environment.

PICTURES

1. Bauxite Bin After The Fire
2. Raw Mill after application of Belzona® 3921
3. Bauxite Bin during first coat of Belzona® 5111
4. Bauxite Bin after completion of the application



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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