

BELZONA HELPS UNDER FIRE

ID: 1122

Industry: *Cement*
Application: *TCC-Tanks and Chemical Containment Areas*

Customer Location: *Cement Company, Miami, FL*
Application Date: *May, 2008*

Substrate: *Carbon Steel*

Products: ** Belzona® 1121 (Super XL Metal) ,
* Belzona® 3921 (GSC Surface Conditioner) ,
* Belzona® 5111 (Ceramic Cladding) ,*

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.



Photograph Descriptions

- * Bauxite Bin After The Fire ,
- * Raw Mill after application of Belzona® 3921 ,
- * Bauxite Bin during first coat of Belzona® 5111 ,
- * Bauxite Bin after completion of the application ,

Application Situation

Bauxite Bin and Raw Mill

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

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FS 695214
ISO 14001:2015
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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.

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