

# BELZONA REPAIRS BALL MILL SHELL

ID: 4025

Industry: Mining & Quarrying  
Application: SHM-Solids Handling Machinery

Customer Location: Cement plant, Al Kawmeya, Egypt  
Application Date: October 2008

Substrate: Carbon Steel  
Products: \* Belzona 1311 (Ceramic R-Metal),

## Problem

Due to the nature of the operation, the internal surfaces of the ball mill are subject to constant impact from the falling balls and other media present inside. Shell wall became damaged beneath the wear plates.



## Photograph Descriptions

- \* Damaged ball mill ,
- \* Impact damage ,
- \* Surface after preparation ,
- \* Completed application ,

## Application Situation

Ball mill shell damaged beneath wear plates.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SHM-7. After surface preparation, Belzona 1311 was used to rebuild the damaged areas to restore the original dimensions.

## Belzona Facts

This application was carried out with minimal downtime, therefore saving money as well as time. The high adhesion and compressive strength of Belzona provides a solid foundation for the wear plates, ensuring a long service life for the mill.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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manufactured under an ISO  
9000 Registered Quality  
Management System.

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