

# EXTENDING LIFE OF CEMENT BALL MILL USING BELZONA PRODUCTS

ID: 9299



## PROBLEM

A cement ball mill was subjected to abrasions caused by the entrapment of cement particles under the mill tiles.

## APPLICATION SITUATION

Using conventional welding will consume a lot of time and will need machining: a slow process that stops production for a long time. The Belzona solution is much easier, faster and needs no machining as we use the tile itself as a mould to restore the worn surfaces

## APPLICATION METHOD

- The Tiles are removed from the surface of the ball mill
- The surface below is roughened to ensure maximum adhesion and then cleaned with a non-residual cleaner.
- The tile is then brushed with Belzona 9411 release agent
- Belzona 1111 is applied to the surface below the tile and the tile is aligned and left to cure accordingly

## BELZONA FACTS

By utilizing Belzona 111, we offer a much easier and faster solution to the client.

There is no need for machining as we use the tile itself as a mould to restore the worn surface.

## INDUSTRY

Cement

## LOCATION

Egypt

## APPLICATION DATE

August 2012

## PRODUCTS

Belzona 1111 (Super Metal)

## SUBSTRATE

Carbon steel

## PHOTOS

1. Damaged ball mill surface
2. Applying Belzona 1111
3. Aligning the tiles to be used as a mould
4. Application Complete

For more examples of Belzona Know-How in Action, please visit [khia.belzona.com](http://khia.belzona.com)

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