

Extending life of Cement ball mill using Belzona products

ID: 9299

Industry: *Buildings & Structures*
Application: *SHM-Solids Handling Machinery*

Customer Location: *Egyptt*
Application Date: *August 2012*

Substrate: *Carbon steel*
Products: *Belzona 1111 (Super Metal)*

Problem

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



Damaged ball mill surface



Applying Belzona 1111



Aligning the tiles to be used as a mould



Application Complete

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.

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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9000 Registered Quality
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