

BELZONA IN THE CEMENT INDUSTRY

ID: 8545



PROBLEM

In the mill there is a chamber for pre-drying with lift paddles. Under the paddles the wall eroded over years from cement dust (between 0 and 12mm). When the client changed the paddles, they wanted an inner wall surface like new (for a complete bearing area).

APPLICATION SITUATION

Ball Mill 4000mm diameter in Germany.

APPLICATION METHOD

Application was carried out in accordance with modified version of the Belzona Know-How System Leaflet SHM-7.

BELZONA FACTS

Existing customer does a lot of work with Belzona wear protection materials. The customer buys around 100 kg of Belzona 1812 per year for in-house repairs. An enquiry for the same work in a second mill was requested for a later date.

INDUSTRY

Mining & Quarrying

LOCATION

Germany

APPLICATION DATE

April 2020

PRODUCTS

Belzona 1121 (Super XL Metal) Belzona 1812 (Ceramic Carbide FP) Belzona 4111 (Magma-Quartz) Belzona 4911 (Magma TX Conditioner)

SUBSTRATE

Steel

PHOTOS

1: Ball mill in a cement plant (diameter 4000mm)

2: Belzona 4111 and steel base for the right height (for Belzona 4111 and 1812 with two different templates)

3: Every second area complete rebuild with Belzona 1812 (4mm)

4: After removing the steel base 1812 applied in the rest of the area

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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