

## BELZONA BALL MILL TRUNNION REPAIR

### CUSTOMER

Portugal

### APPLICATION DATE

2018

### APPLICATION SITUATION

Repair of the trunnion section of a grinding mill

### PROBLEM

Wear caused over time by the rotating mill grinding against the trunnion section. Also abrasion from the minerals and ores being ground as part of the mining process.

### PRODUCTS

Belzona 1121 (Super XL-Metal)

### SUBSTRATE

Steel

### APPLICATION METHOD

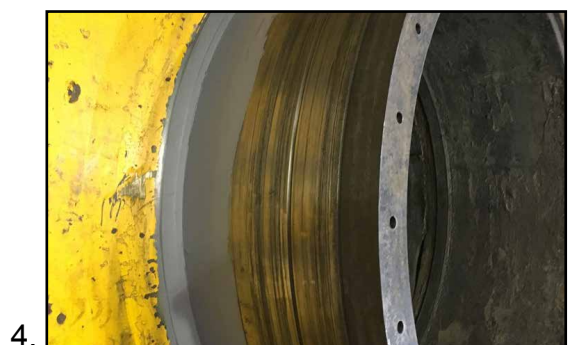
Application was carried out using a modified version of Belzona Know-How System Leaflet MPT-07. An MBX bristle blaster was used to prepare the surface, allowing the paste grade to adhere to the substrate. 17 Kg's of Belzona 1121 was then applied around the circumference of the trunnion section and smoothed out with an applicator to rebuild the lost materials.

### BELZONA FACTS

The customer rang Belzona the night before asking for an emergency repair. Belzona arrived the following morning to carry out the repair and had the system back up and running that day.

### PICTURES

1. Damaged trunnion section
2. Surface preparation using an MBX
3. Applying the Belzona 1121
4. Final application



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



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