

Belzona 1818 Protects Shaft from Abrasion

ID: 9114

Industry: *Cement*
 Application: *SHM-Solids Handling Machinery*

Customer Location: *ireland*
 Application Date: *February 2022*

Substrate: *Carbon steel*
 Products: *Belzona 1818*

Problem

A separator shaft in a Cement Plant Raw Mill was suffering from severe fine particle abrasion from iron ore, shale and limestone at temperatures up to 100degC. The plant was on an unscheduled shutdown and needed the repair carried out quickly so that the mill could be out back into service



Area prepared using a power tool (MBX Bristle Blaster)



Belzona 1818 applied



Belzona 1818 applied



Belzona 1818 after 15 months in service

Application Situation

The repair needed to be completed quickly. The rapid cure time of Belzona 1818 enabled the Mill to be put back into service in a matter of hours.

Application Method

The areas where Belzona 1818 was to be applied were prepared using an MBX Bristle Blaster.

Belzona Facts

The customer had previously used welding and/or replacement of the shaft at a very high cost, taking many days to complete. Belzona 1818 allowed small repairs to be carried out quickly, with rapid cure and short back in service time.

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

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