

ABRASION PROTECTION OF LINATEX TOWER

CUSTOMER

Quarry, Scotland UK

APPLICATION DATE

2019

APPLICATION SITUATION

Sand drops into the entrance of the chute causing excessive wear.

PROBLEM

The abrasive qualities of sand had resulted in wear and holes on the steel chute. The equipment only lasted six months before wearing out, so a more permanent solution was required by the client.

PRODUCTS

Belzona 1321 (Ceramic S-Metal)

Belzona 1812 (Ceramic Carbide FP)

Belzona 9811

SUBSTRATE

Steel

APPLICATION METHOD

Belzona 1321 was used as an adhesive for the Belzona 9811 Alumina tiles. They were then grouted in with Belzona 1812. As not to waste the left of material, Belzona 1812 was then applied over the tiles. The application was carried out in accordance with Belzona System Leaflet SHM-7.

BELZONA FACTS

The service life of this part is normally six months. Fabrication of a new chute cost around £500, plus a day lost for production every 6 months. The cost of the Belzona repair was 25% less and is still showing no signs of deterioration.

PICTURES

1. Equipment prior to coating
2. Application of Belzona 1321
3. Tiles grouted in-place
4. Completed application after six months in service



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

ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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