

BELZONA OFFERS PROTECTION TO METAL WEAR PLATES

ID: 5818

Industry: General Industry
Application: SHM-Solids Handling Machinery

Customer Location: Arthur, ON, Canada
Application Date: March 2015

Substrate: Steel
Products: * Belzona 1111 (Super Metal) ,
* Belzona 2111 (D & A Hi-Build Elastomer) ,
* Belzona 9811 (Alumina Tiles) ,

Problem

The wear plates were constantly eroded by the blast media and only lasted weeks in service before being replaced. A big problem arose when the replacement plates became delayed in production and therefore unavailable.



Photograph Descriptions

- * Prior to application ,
- * Preparation in progress ,
- * Preparation in progress ,
- * Completed application ,

Application Situation

Metal wear plates in a blast machine.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-7 for bonding and grouting tiles and wear plates. Belzona 1111 was used to rebuild the worn areas and to bond Belzona 9811 as soon as the worn areas were filled.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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Repair • Protect • Improve

Belzona 9811 was removed from the sheet and placed tightly together to eliminate grouting. The plates were then coated with Belzona 2111 for added protection from the impact of the blast material.

Belzona Facts

The repaired plates last as long as the original plates but they can be rebuilt and put back into service for a fraction of the cost. Also, the customer does not have to worry about any delays in production of the plates.

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