

Protection Of Biomass Incinerator Chutes With Belzona

ID: 8448

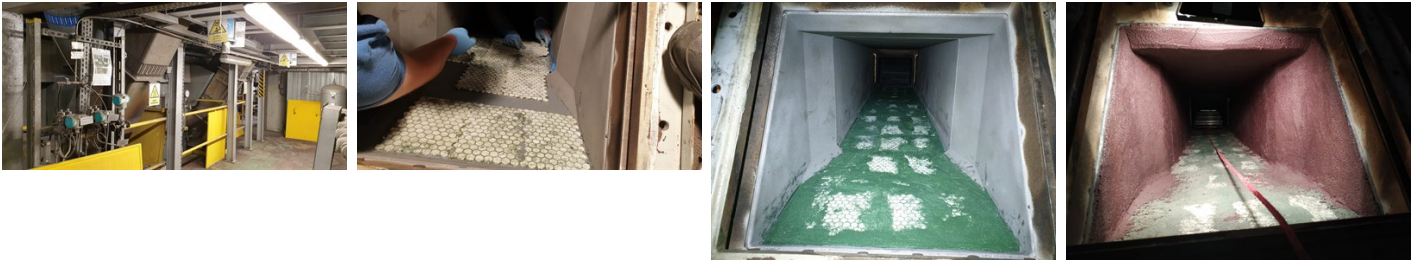
Industry: Mining & Quarrying
Application: SHM-Solids Handling Machinery

Customer Location: Warsaw, Poland
Application Date: June 2020

Substrate: Stainless steel
Products: * Belzona 1111 (Super Metal) ,
* Belzona 9811 (Alumina Tiles) ,
* Belzona 1811 (Ceramic Carbide) ,
* Belzona 1813 ,
* Belzona 1321 (Ceramic S-Metal) ,

Problem

Excessive wear of stainless steel chutes when operating at elevated temperatures. The client was looking for a long-term solution to protect the substrate.



Photograph Descriptions

- * 1. Chutes in the Biomass Plant ,
- * 2. Application of Belzona 9811 ,
- * 3. Application of Belzona 1813 grouting Belzona 9811 ,
- * 4. Complete Application using Belzona 1811 ,

Application Situation

Application inside biomass incinerator chutes (dimension 500x500x2700mm)

Application Method

Application was carried out in accordance with Belzona system Leaflet SHM-7. After blasting with aluminium oxide grit Belzona 9811 alumina tiles were bonded to prepared substrate using Belzona 1111 and then grouted using Belzona 1813

Belzona Facts

Premature chutes failure resulted in frequent component replacements and downtime. To prevent such failures in the future and extend the service life of the chutes, the client was looking for a way to protect this sections. This system proved to be the ideal

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.

www.belzona.com


BELZONA
Repair • Protect • Improve

solution and provided the required abrasion resistance, and the customer was very pleased with the results.

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

ISO 9001:2015	Belzona products are
FS 695214	manufactured under an ISO
ISO 14001:2015	9000 Registered Quality
EMS 695213	Management System.

www.belzona.com

