

BELZONA KEEPS BASALT LINED DEFLAKER OPERATIONAL

ID: 1141

Industry: Pulp & Paper

Customer Location: Containerboard Paper Mill, North Alabama

Application: SHM-Solids Handling Machinery

Application Date: March, 2007

Substrate: Basalt tiles and Stainless steel

Products: Belzona® 1812 (Ceramic Carbide FP)<div>Belzona® 1111 (Supermetal)</div></div>

Problem

If this unit fails, there is a huge expense in acquiring another. Task was two fold, to line the inside with a sacrificial product and rebuild the door lip so the bolts would not pull out.



Photograph Descriptions

* Inside the Deflaker with trash present , * Worn Basalt tiles , * Application of Belzona® 1812 in progress , * Finished application ,

Application Situation

This deflaker is used to spin trash (staples, plastic, glass, metal, etc.) out of recycled cardboard. The inside is lined with basalt tiles. This is a one of a kind machine.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-13. We used aluminum oxide blast material to achieve a desired profile and applied 1/4" of Belzona® 1812 around the entire interior of the equipment. We also applied Belzona 9411 (Release Agent) on the bolts, seated them, and rebuilt the door edges with Belzona® 1111.

Belzona Facts

The alternatives the mill had were to try and find another piece of similar equipment or remove the tiles and try relining the equipment with more tile.

We offered them another alternative in that we would lay Belzona® 1812 over the tiles to act as a sacrificial layer. We now have a yearly project during their shutdowns.

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

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