

BELZONA COATS FILTER PRESS TRAYS

ID: 5211

Industry: Mining & Quarrying
Application: GSS-Gaskets, Seals and Shims
Substrate: Polyethylene
Products: * Belzona 2131 (D & A Fluid Elastomer) ,
* Belzona 2911 (Elastomer Conditioner QD) ,
* Belzona 9411 (Release Agent) ,

Customer Location: Metallurgical and Mining plant, Brazil
Application Date: October, 2008

Problem

The trays of the filter press (4 parts) showed abrasion wear, which caused inefficiency in the production process, increased the humidity of the final product and the use of compressed air, and wore out the other components of the filter. Fluid: water and ore at room temperature ($\leq 40^{\circ}\text{C}$).



Photograph Descriptions

- * Wear on edges of the rim ,
- * Side of the tray with a mold ,
- * Edges of the tray after coating with Belzona 2131 ,
- * Tray repaired/coated with Belzona 2131 ,

Application Situation

Filter press trays

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet GSS-1. Surfaces were prepared by dry abrasive blasting. After cleaning, the surfaces of worn areas were repaired with Belzona 2131. For the elastomer application molds were made and Belzona 9411 was applied to facilitate their removal after initial cure of the elastomer.

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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BELZONA
Repair • Protect • Improve

Belzona Facts

Belzona 2131 offered flexibility, abrasion and hardness resistance. The repair of the existing trays eliminated the accumulation of scraps on the area and reduced maintenance costs (part replacement).

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