

# Belzona Protects Ball Mill Braces

ID: 10009

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

Customer Location: *Larose, Louisiana*  
 Application Date: *September 2025*

Substrate: *Carbon steel*  
 Products: *Belzona 1331, Belzona 9111 (Cleaner Degreaser)*

## Problem

Customer was having high erosion on the braces supporting a ball mill handling Barite. Due to the high velocity and operating temperature of 300F, the Barite powder in the air was degrading the braces to no use within 2-3 months.



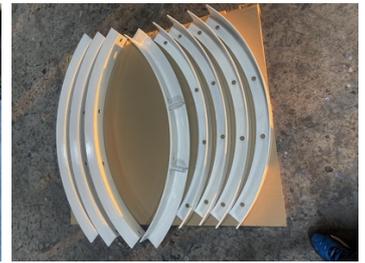
New upper and lower braces at customer location.



Braces blasted and prepped for application at Belzona/AAS location.



First coat of Belzona 1331 applied.



Second coat of Belzona 1331 applied and final product.

## Application Situation

Customer was looking for a coating to help make the braces last longer rather than replacing every 2-3 months.

## Application Method

Braces were blasted and cleaned with Belzona 9111. Braces were then twice coated with Belzona 1331 by hand.

## Belzona Facts

Customer was unhappy and having unnecessary costs with replacing the braces every 2-3 months.

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](http://www.belzona.com)

  
**BELZONA**<sup>®</sup>  
 Repair • Protect • Improve