

# BELZONA 1111 SUPER METAL SOLVES PROBLEM QUICKLY

ID: 5203

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

Customer Location: *BC, Canada*  
Application Date: *February 2004*

Substrate: *Steel*  
Products: *\* Belzona 1111 (Super Metal) ,*

## Problem

*Due to the continuous flow of abrasive aggregate and vibration the transition piece would wear out and crack.*



## Photograph Descriptions

- \* The area to be repaired was ground to a clean rough surface with a mechanical grinder ,
- \* Repair in progress ,
- \* Completed repair. ,

## Application Situation

Cracked hopper

## Application Method

Application carried out in accordance with a modified version of Belzona Know-How System Leaflet SHM-8

## Belzona Facts

The use of Belzona to bond a patch over this problematical section proved to be quicker and easier to do than welding. The repair also lasted well beyond the standard welded repair.

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®**  
Repair • Protect • Improve