

# Belzona 1812 protects newly fabricated screw conveyor.

ID: 9314

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

Customer Location: *Ontario, Canada*  
Application Date: *March 2024*

Substrate: *Other*  
Products: *Belzona 1812 (Ceramic Carbide FP), Belzona 9111 (Cleaner Degreaser), Belzona 9411 (Release Agent)*

## Problem

*Replacing fast depleting screw conveyors in service is hard. So, customer decided to protect and put to test a newly fabricated screw conveyor coated with Belzona 1812 against the abrasive conditions in the plant.*



Screw conveyor before surface preparation.



After surface preparation.



Mixed Belzona 1812.



After application of Belzona 1812.

## Application Situation

Equipment is hard and expensive to replace. Customer often has a wait time of up to 8 months and above for replacements.

## Application Method

Surface preparation with MBX bristle blaster, grinder and solvent cleaning with Belzona 9111.

## Belzona Facts

Equipment wears out fast due to abrasion and replacement wait time is long. Belzona solution reduced downtime.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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