

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.

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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