

Belzona Protects Screw Conveyor

ID: 9933

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

Customer Location: *Cincinnati, OH, USA*
Application Date: *January 2024*

Substrate: *Stainless-steel*
Products: *Belzona 1321 (Ceramic S-Metal), Belzona 1812 (Ceramic Carbide FP)*

Problem

Customer wanted to protect this new screw conveyor before putting it in service.



Grit blasted conveyor belt.



Belzona 1321 (Ceramic S-Metal) applied by stiff-bristle brush.



Applied Belzona 1812 (Ceramic Carbide FP) to the leading edges.



Finished application.

Application Situation

New screw conveyors tend to be costly so this customer wanted to get as much life out of their new purchase as possible.

Application Method

1. Grit Blast
2. Apply Belzona 1321 (Ceramic S-Metal) by stiff bristle brush
3. Apply Belzona 1812 (Ceramic Carbide FP) to the leading edges
4. Allow to cure before putting in service

Belzona Facts

New screw conveyors tend to be costly so this customer wanted to get as much life out of their new purchase as possible.

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

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