## **Belzona Protects Screw Conveyor**

ID: 9933

Industry: Mining & Quarrying Customer Location: Cincinnati, OH, USA
Application: SHM-Solids Handling Machinery 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 Applied Belzona 1812 (Cer S-Metal) applied by stiff-bristle Carbide FP) to the leading brush. edges.



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



## **Application Situation**

New screw conveyors tend to be costly so this customer wanted to get as much life out o 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**

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