

Feed Pellet Mill Life Extension

ID: 9571

Industry: Food & Drink

Application: SHM-Solids Handling Machinery

Customer Location: New Brunswick, Canada

Application Date: June 2024

Substrate: Carbon steel

Products: Belzona 1311 (Ceramic R-Metal), Belzona 1321 (Ceramic S-Metal)

Problem

General corrosion and erosion due to long periods between maintenance cycles. Face of mill was beginning to pit badly and some temporary mounting holes needed to be plugged as was causing material to escape.



Mill face was grit blasted.
Holes and pitting were filled
with Belzona 1311

2 Coats of Belzona 1321
brushed to face to establish a
long-lasting abrasion resistant
finish suitable for the
maintenance cycle.

Application Situation

Repair could be made and touched up later all in-house. Crucial for the unpredictable nature of its maintenance cycle.

Application Method

Contractor grit blasted, rest of application done via plastic tools and brush.

Belzona Facts

They needed some installation training and instruction which Belzona offers through the distributors. Alternative was to replace the entire piece of machinery which would have been a couple months of lead time and large cost. Lighter duty environment so this gives them a long lasting repair with a better wearing face than new.

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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