

Belzona Saves Customers New Steel Chutes and Hoppers From Abrasion Attack

ID: 9654

Industry: *General Industry*

Customer Location: *Bruce Region*

Application: *SHM-Solids Handling Machinery*

Application Date: *September 2024*

Substrate: *Carbon steel*

Products: *Belzona 1812 (Ceramic Carbide FP), Belzona 9111F*

Problem

The customers old steel chutes and hoppers was experiencing abrasion damage caused by impact of small wood particles.



Area laid out for the application of Belzona 1812



Shop Crew working on Preparation of chute and hopper



Belzona 1812 applied to the first area



Belzona 1812 applied to both areas on the first chute and hopper

Application Situation

The customer was having an issue due to an abrasive environment caused by the small wood particles.

Application Method

The new chutes and hoppers had been blasted to an SSPC-SP10 near white finish c/w a 3mil depth profile, cleaned by using a vacuum, then degreased with Belzona 9111, and then Belzona 1812 was applied to the prepared surface at a thickness of 0.12"

Belzona Facts

The customer is pleased with the Belzona solution and products chosen and used to prevent extensive wear on the new equipment.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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