

BELZONA OVERCOMES WEAR PROBLEMS CAUSED BY CORN

ID: 1219

Industry: General Industry

Customer Location: Corn Processing Plant, West Tennessee
USA

Application: SHM-Solids Handling Machinery

Application Date: 2007

Substrate: Carbon Steel

Products: Belzona® 1812 (Ceramic Carbide FP)

Problem

Carbon Steel was lasting less than 1 year and down time was a continuous problem in the plant. A lining which would take the wear from corn and soyabean was needed.



Photograph Descriptions

* A Chute Lined with Belzona® 1812 , * A Spout Lined with Belzona® 1812 , * A Transition Piece Lined with Belzona® 1812 , * Mixing Blades protected with Belzona® 1812 ,

Application Situation

Carbon Steel equipment handling corn

Application Method

Applications were carried out in accordance with Belzona Know-How System Leaflet SHM-13. After grit blasting the newly fabricated chutes, spouts, and mixing blades, 1/2 inch of Belzona® 1812 was applied to the wear areas.

Belzona Facts

Belzona has doubled and in some cases tripled the life of the equipment. Previous linings had delaminated and contaminated the product.

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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manufactured under an ISO
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