BELZONA OVERCOMES WEAR PROBLEMS CAUSED BY CORN

ID: 1219

Industry:	General Industry	Customer Location:	Corn Processing Plant, West Tennessee
Application:	SHM-Solids Handling Machinery	Application Date:	USA 2007
Substrate: Products:	Carbon Steel 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

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.



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