

BELZONA OVERCOMES WEAR PROBLEMS CAUSED BY CORN

ID: 1219



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.

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.

INDUSTRY

General Industry

LOCATION

Corn Processing Plant, West Tennessee
USA

APPLICATION DATE

2007

PRODUCTS

Belzona 1812 (Ceramic Carbide FP)

SUBSTRATE

Carbon Steel

PHOTOS

1. A Chute Lined with Belzona 1812
2. A Spout Lined with Belzona 1812
3. A Transition Piece Lined with Belzona 1812
4. Mixing Blades protected with Belzona 1812

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

www.belzona.com

