

Coal Silo Flopgate

ID: 8998

Industry: *Mining & Quarrying*
Application: *SHM-Solids Handling Machinery*

Customer Location: *Aurora, NC*
Application Date: *March 2023*

Substrate: *Carbon steel*
Products: *Belzona 1812 (Ceramic Carbide FP)*

Problem

Customer was looking to have a new chute coated for abrasion resistance.



New chute pre-coating



New Flopgate pre-coating



New chute coated with Belzona Ceramic Carbide FP (1812)



New flopgate coated with Belzona Ceramic Carbide FP (1812)

Application Situation

Our customer has had major wearing of their chutes in the past. They were looking for some type of abrasion protection for their new flopgate valve and chutes.

Application Method

Chutes and flopgate valve were abrasion blasted. Blasted area was then cleaned using Belzona 9111. Belzona 1812 was applied using an applicator at 1/4" thickness.

Belzona Facts

Belzona 1812 was used for its outstanding abrasion protection due to a hardness comparable to basalt. Additionally, Belzona is easy to apply and does not require specialized tools.

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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