

BELZONA 9811 EXTENDS SERVICE LIFE OF FLOP GATE AT CEMENT PLANT

ID: 5024

Industry: Cement

Application: SHM-Solids Handling Machinery

Customer Location: Bagged Concrete Plant, Virginia, USA

Application Date: October 2006

Substrate: AR steel

Products: * Belzona 1311 (Ceramic R-Metal) ,

* Belzona 9811 ,

Problem

Excessive wear on the flop gate (valve) made of AR steel (AR 400). It only lasted 9 months before wearing out. Customer was looking for a longer term solution.



Photograph Descriptions

- * Quickcrete mixture on the conveyor belt ,
- * Flop gate repair completed ,
- * Flop gate repair close up ,

Application Situation

A flop gate which is a chute that is “flopped” to one side or the other exposing the chute that the plant needs the aggregate in.

Application Method

Application was carried out in accordance with Belzona System Leaflet SHM-7.

Belzona Facts

Customer was looking for an 18 month life cycle rather than the 9 months provided by AR 400. The first option, Belzona 1811 (Ceramic Carbide) lasted about 9 months, equivalent to the AR 400 steel. Belzona 9811 tiles solution has been in place since the fall of 2006.

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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