

# BELZONA REPAIRS COAL STORAGE BIN

ID: 6268

Industry: Steel & Metal Processing  
Application: SHM-Solids Handling Machinery

Customer Location: Metal processor, Port Kembla, Australia  
Application Date: February 2009

Substrate: Reinforced Concrete  
Products: \* Belzona 4111 (Magma Quartz),

## Problem

Constant abrasion had caused severe wear to the transition lip on the concrete coal chute. The abrasion was so severe that the reinforcement bars had been exposed and in some cases were also worn through.



## Photograph Descriptions

\* 1. View from the top of the bunker showing the extent of the repairs to be done 2. Conditioning the substrate and re-bars 3. Repairs in progress 4. Repairs complete ,

## Application Situation

Damaged concrete lip on a 10 metre diameter coal storage tank

## Application Method

Application was carried out in accordance with Belzona System Leaflet SHM-13.

## Belzona Facts

Belzona 4111 was chosen as it could be applied with minimal preparation, would bond tenaciously to the existing concrete and would be better able to resist the abrasion in future to ensure a long lasting repair. Also enabled smooth transition so minimizing future abrasion.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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