

# 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.

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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manufactured under an ISO  
9000 Registered Quality  
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