

BELZONA REPAIRS COAL STORAGE BIN

ID: 6268



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.

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.

INDUSTRY

Steel & Metal Processing

LOCATION

Metal processor, Port Kembla, Australia

APPLICATION DATE

February 2009

PRODUCTS

Belzona 4111 (Magma Quartz)

SUBSTRATE

Reinforced Concrete

PHOTOS

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

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The Belzona logo features a stylized molecular structure above the word "BELZONA" in a bold, blue, sans-serif font.