

BELZONA REPAIRS ORE BRIDGE CRANE AT BLAST FURNACE

CUSTOMER

Steel Mill in Ohio, U.S.A.

APPLICATION DATE

1994

APPLICATION SITUATION

Worn keyways.

PROBLEM

Worn keyways on the truck which moves the crane on the rails. The conventional method to solve this problem would be to machine new bases and keys. Entailing the crane being shut down for 3 to 4 days.

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Steel

APPLICATION METHOD

A template with new key stock was made. The template was coated with Belzona® Release Agent and positioned beneath the cranes pedestal. Belzona® 1111 was then applied.

BELZONA FACTS

24 hours later the Ore bridge was back in operation, preventing a 3 to 4 day shutdown to weld and machine a new keyway.

PICTURES

1. Overall view of Ore Bridge crane.
2. Template "C"- clamped in place.
3. Finished keyway with no machining required.



1.



2.



3.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

UK • USA • Canada • China
www.belzona.com

