

## BELZONA REPAIRS TO STEEL ROLLING MILL

### CUSTOMER

Steel mill

### APPLICATION DATE

October 1997 and December 1999

### APPLICATION SITUATION

Load block area on sides of mill (4 per mill)

### PROBLEM

Corrosion caused by cooling water between mill housing and load block. Increased clearance leads to loss of pre-tension on holding bolts.

### PRODUCTS

Belzona® 1321 (Ceramic S-Metal)

Belzona® 1221 (Super E-Metal)

### SUBSTRATE

Cast steel

### APPLICATION METHOD

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet GSS-9.

### BELZONA FACTS

First mill done in 1997 checked in 1999 and no change in clearances measured. Welding and machining considered but production losses would have been too great. Belzona application completed in 33-hour shut down with no production losses. Equipment and peripherals more reliable leading to increased quality and production.

### PICTURES

1. Corrosion evident after grit blasting.
2. Moulds being positioned.
3. Surfaces reformed with Belzona.



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](http://www.belzona.com)

