

## BELZONA REBUILDS THE UNDERSIDE OF PULPMILL FLOOR

### CUSTOMER

Pulp & Paper Operation, BC, Canada

### APPLICATION DATE

June 2003

### APPLICATION SITUATION

Badly damaged underside of concrete floor

### PROBLEM

Moisture, vibration and impact from above had caused the underside of this concrete deck to spall badly leaving exposed corroding rebar

### PRODUCTS

Belzona® 4141 (Magma Build)

### SUBSTRATE

Concrete and steel reinforcement bars

### APPLICATION METHOD

Application carried out using a modified version of Belzona Know-How System Leaflet FPA-1

### BELZONA FACTS

Using Belzona® 4141 allowed the underside of the floor to be rebuilt in a single application without the need for forms saving many additional hours of downtime when compared with a conventional repair. Footnote: The damaged sections on the top side of the deck were rebuilt in 2002 with Belzona® 4111 (Magma Quartz) and the complete deck area sealed with Belzona® 5122 (Clear Cladding)

### PICTURES

1. View of corroded rebar and spalled concrete underside
2. A partially completed underside showing the unfinished section after grit blasting to remove all corrosion from the rebar
3. Application in final stages of completion



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)

