

# BELZONA REBUILDS THE UNDERSIDE OF PULPMILL FLOOR

ID: 685

**Industry:** Pulp & Paper  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Concrete and steel reinforcement bars  
**Products:** \* Belzona® 4141 (Magma Build) ,

**Customer Location:** Pulp & Paper Operation, BC, Canada  
**Application Date:** June 2003

## Problem

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



## Photograph Descriptions

- \* View of corroded rebar and spalled concrete underside ,
- \* A partially completed underside showing the unfinished section after grit blasting to remove all corrosion from the rebar ,
- \* Application in final stages of completion ,

## Application Situation

Badly damaged underside of concrete floor

## Application Method

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

## Belzona Facts

Using Belzona 4141 Magma Build 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)).

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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