

# BELZONA REBUILDS SOLE PLATES ON PAPER MACHINE

ID: 45

**Industry:** Pulp & Paper  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Cast iron plate and concrete pedestal  
**Products:** \* Belzona® 4111 (Magma-Quartz) ,  
\* Belzona® 4141 (Magma Build) ,

**Customer Location:** Paper Mill in Oregon, U.S.A.  
**Application Date:** December 1998

## Problem

*Corrosion of base plates would eventually cause the mill to bear the cost of structural steel replacements.*



## Photograph Descriptions

- \* Cast iron sole plate alongside the paper machine ,
- \* Surface prepared by pressure washing and grinding ,
- \* Belzona® 4111 (Magma-Quartz) being used to rebuild corroded sole plate ,
- \* Finished application of sole plates ,

## Application Situation

Base plates were subject to continuous white water attack and no coating had lasted longer than three months.

## Application Method

The application was carried out in accordance with a modified version of Belzona Know-How Leaflets FPA-1 and FPA-3.

## Belzona Facts

Belzona® 4111 and Belzona® 4141 were used to resurface and ultimately protect the sole plates from chemical attack at 110° - 120°F.

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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