

# BELZONA REPAIRS PRESS PLATEN AND SAVES REVENUE LOSSES

ID: 6005

Industry: Pulp & Paper  
Application: ENC-Engines and Casings  
Substrate: Carbon Steel  
Products: \* Belzona 1111 (Super Metal) ,  
\* Belzona 9111 (Cleaner/Degreaser) ,

Customer Location: Montana, USA  
Application Date: 2004

## Problem

Damaged platen on the press of this particle board manufacturer was causing culled product. Particle board quality was not meeting standards due to the damage of the platen surface. The surface needs to be flat and smooth and the repair material must be machinable and withstand high temperatures of the steam heated platen. Quality control of this particle board manufacturer is very high and would not allow the defects that the damaged platen produced. All the effort and costs of process up to the point of the press in this manufacturing process was wasted when this platen was used. The wall thickness of the steam platen would deform if arc welding was performed to repair the damage.



## Photograph Descriptions

- \* Damaged steam platen surface ,
- \* Surface of platen prepared ,
- \* Belzona 1111 applied and curing ,
- \* Smooth surface of platen restored ,

## Application Situation

Press platen at a particle board manufacturing plant. Damaged Platen on the press of this particle board manufacturer was causing culled product. Particle board quality was not meeting standards due to the damage of the platen surface. The surface needs to be flat and smooth and the repair material must be machinable and withstand high temperatures of the steam heated platen.

## Application Method

The application was carried out in accordance with a modified Belzona Know-How System Leaflet ENC-7 and Belzona Instructions For Use.

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

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

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## Belzona Facts

The use of a paste grade cold curing product such as Belzona 1111 prevented the scrapping of this expensive piece of equipment. This repair put the platen ready to go back in service, and saved the waste of raw product and man hours of sorting and disposal of particle board.

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