

# BELZONA CORRECTS OVERSIZED KEYWAY

ID: 283

Industry: *Pulp & Paper*  
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Paper Mill in Washington State U.S.A.*  
Application Date: *Summer of 1988*

Substrate: *Steel*  
Products: *\* Belzona® 1111 (Super Metal) ,*

## Problem

*This lumber decker keyway takes a tremendous beating because of cyclic loading. Because of the start-stop characteristics, the keyway housing became oversized.*



## Photograph Descriptions

- \* The equipment prior to the application ,
- \* The keyway has been repaired ,
- \* The material has cured and the equipment is ready for service ,

## Application Situation

Mechanical keyway used to control residence time of the decker lumber.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-4. This repair was done in place without disassembly using a Belzona forming technique.

## Belzona Facts

Conventional repairs would entail extended downtime because it would require the shaft assembly to be dismantled. Otherwise a new key housing could be cut, or the existing damage welded and remachined.

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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manufactured under an ISO  
9000 Registered Quality  
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