

# Debarker Ring protection saving lumber mill thousands

ID: 9063

Industry: Marine

Customer Location: Vancouver Island, British Columbia

Application: VPF-Valves, Pipes and Fittings

Application Date: April 2023

Substrate: Carbon steel

Products: Belzona 1311 (Ceramic R-Metal), Belzona 1321 (Ceramic S-Metal)

## Problem

Corrosion was occurring from the salt water that enters the lumber mill from the ocean. This jeopardizes the bearing inside the ring that has a replacement cost of \$35,000.00. Protection was needed to prolong the service life of the machinery



Condition of Debarker ring

After sandblasting

Resurfacing with Belzona 1311

Coating of Belzona 1321

## Application Situation

The timeline for the repair was over a 2 day weekend. The alternative was surface welding which was attempted previously with minimal success.

## Application Method

Initial sandblasting was required for sufficient surface preparation. All Belzona material were mixed applied by hand to specification. Heat was added to assist in the curing process. The customer was thrilled with the result.

## Belzona Facts

Minimal disruption to the area

Quick turnaround

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.

[www.belzona.com](http://www.belzona.com)

**BELZONA**  
Repair • Protect • Improve