

# Belzona repairs cracked flange

ID: 9574

Industry: *Pulp & Paper*

Customer Location: *Castlegar*

Application: *VPF-Valves, Pipes and Fittings*

Application Date: *September 2024*

Substrate: *Cast Iron*

Products: *Belzona 1311 (Ceramic R-Metal), Belzona 2141 (ACR-Fluid Elastomer)*

## Problem

*Overtighten flange led to cracked and damaged flange.*



Equipment damage



Surface preparation completed



Rebuilt with Belzona 1311



Coated with Belzona 2141 for longevity

## Application Situation

Flange cracked and was very damaged needed to get repairs during a 48hr shutdown

## Application Method

Cracked drill stopped and vee out. Prepares with grinding tools and cracks filled with Belzona 1311 and cloth. Overcoated with Belzona 2141 to provide expansion and contraction protection

## Belzona Facts

Fast and efficient application for repair of a cast iron flange that was tile lined. Welding was not an option

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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

