

# Belzona Protects Against Corrosion In Fan Shroud

ID: 8775

Industry: *Pulp & Paper*  
Application: *FBC-Fans, Blowers and Compressors*

Customer Location: *Jacksonville, Florida*  
Application Date: *2022*

Substrate: *Aluminum*  
Products: *Belzona 5811 (Immersion Grade),*

## Problem

*A brand new paper milling fan shroud picks up a lot of caustic mist, eventually corroding the inside of the shroud. A coating was then required to protect the shroud from the corrosion that would have eventually formed over time.*



Fan shroud.

Fan shroud being coated.

Fan being coated

Coated pieces.

## Application Situation

A new paper milling fan and shroud needed a protective coating against corrosion due to the caustic mist in the air that it is being ventilated.

## Application Method

Preparation was done by a combination of abrasive blasting and MBX by hand to achieve a SP10 near white metal finish for a good mechanical adhesion. Belzona 5811 was then mixed and applied as two coats on the shroud.

## Belzona Facts

Belzona offered an effective way to protect the fan and the shroud from corrosion as well as an economical and time saving way to perform maintenance on the newly coated surface. If a one time application of 5811 of an entire paper machine will last minimum 10 years it will save them thousands!

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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