

# BELZONA PROTECTS MIXER BLADES FROM ABRASION

ID: 5279

Industry:

Customer Location: Lawrence, KS, USA

Application:

Application Date: September 2007

Substrate: Steel

Products: \* Belzona 2111 (D & A Hi-Build Elastomer) ,

\* Belzona 2131 (D & A Fluid Elastomer) ,

## Problem

The mixer blades in this crystalization tank exhibited serious damage due to abrasion. This is a very important component in the Flue Gas Desulfurization system.



## Photograph Descriptions

- \* View of the plant ,
- \* Close-up view of the damaged mixer blades ,
- \* Preparing the surface of the blades prior to application ,
- \* Completed application ,

## Application Situation

A scheduled outage for major plant repairs included the remediation of damaged mixer blades with Belzona elastomers.

## Application Method

The Belzona trained contractor mechanically prepared each blade prior to rebuilding to the original contour with Belzona 2111. Then, the blade circumferences were further protected with multiple coats of Belzona 2131.

## Belzona Facts

By choosing to repair the blades in-situ instead of replacement, tremendous financial savings were realized. This allowed the maintenance planners to have an additional budget to repair even more blades in an additive tank during the same scheduled outage.

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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9000 Registered Quality  
Management System.

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