

# BELZONA REPAIRS TURBO SEPARATOR AT PAPERMILL

ID: 5872



## PROBLEM

Extreme abrasion producing a hole through ceramic tile and steel causing a possible shutdown.

## APPLICATION SITUATION

40 year old separator at recycling paper mill.

## APPLICATION METHOD

The application was carried out with a modified version of Belzona Know-How System Leaflet CEP-6. The job timeline was critical. For surface preparation, the areas were aggregate blasted. Belzona 1811 was applied with a backer plate over the hole. Belzona 1811 was then applied over other worn areas. The vessel was force cured for start up.

## BELZONA FACTS

A hole in the separator was shooting out water and valuable product, causing a safety issue as well as a money loss. Belzona was able to repair the hole in a single 8 hour shutdown with no lost time.

## INDUSTRY

Pulp & Paper

## LOCATION

Forney, Texas, USA

## APPLICATION DATE

May 2014

## PRODUCTS

Belzona 1811 (Ceramic Carbide)

## SUBSTRATE

Mild steel and ceramic tiles

## PHOTOS

1. Hole in tile and steel.
2. Repair to hole with Belzona 1811.
3. Repair to other areas of separator.
4. View of separator.

For more examples of Belzona Know-How in Action, please visit [khia.belzona.com](http://khia.belzona.com)

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