

# BELZONA ALTERNATIVE TO HARD FACE WELDING

ID: 1186

Industry: *Pulp & Paper*

Customer Location: *Paper Co. North Alabama USA*

Application: *SHM-Solids Handling Machinery*

Application Date: *2001*

Substrate: *Carbon Steel*

Products: *\* Belzona® 1812 (Ceramic Carbide FP),*

## Problem

*A new screw conveyor was fabricated and the client required lining to give greater abrasion resistance.*



## Photograph Descriptions

- \* Overall view of the 40 ft screw conveyor ,
- \* Screw conveyor with Belzona® 1812 applied ,
- \* Close up of the Belzona lining ,
- \* After 5 years, 75% still OK and was repaired in place ,

## Application Situation

A 40 ft screw conveyor handling bark and ash.

## Application Method

Application was carried out in accordance with Belzona Know-How System leaflet SHM-14

## Belzona Facts

Belzona lasted for over 5 years where the hard facing lasted about the same but was twice the price. Belzona® 1812 can be repaired in place but not hard face welding.

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.

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