

## BELZONA ALTERNATIVE TO HARD FACE WELDING

### CUSTOMER

Paper Co. North Alabama USA

### APPLICATION DATE

2001

### APPLICATION SITUATION

A 40 ft screw conveyor handling bark and ash.

### PROBLEM

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

### PRODUCTS

Belzona® 1812 (Ceramic Carbide FP)

### SUBSTRATE

Carbon Steel

### 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.

### PICTURES

1. Overall view of the 40 ft screw conveyor
2. Screw conveyor with Belzona® 1812 applied
3. Close up of the Belzona lining
4. After 5 years, 75% still OK and was repaired in place



1.



2.



3.



4.

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



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