

BELZONA ALTERNATIVE TO HARD FACE WELDING

ID: 1186



PROBLEM

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

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.

INDUSTRY

Pulp & Paper

LOCATION

Paper Co. North Alabama USA

APPLICATION DATE

2001

PRODUCTS

Belzona 1812 (Ceramic Carbide FP)

SUBSTRATE

Carbon Steel

PHOTOS

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

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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