

BELZONA REPAIRS AND PROTECTS CHIPPER DISC POCKETS

CUSTOMER

WA, USA

APPLICATION DATE

2011

APPLICATION SITUATION

Plywood mill core chipper disc.

PROBLEM

Excessive wear in the chipper disc pockets was damaging the chips.

PRODUCTS

Belzona 1811 (Ceramic Carbide)

Belzona 9411 (Release Agent)

SUBSTRATE

Steel

APPLICATION METHOD

The chipper disc pockets were sweated and grit blasted in place. Belzona 9411 was brushed onto the new counter knives. The counter knives were installed and Belzona 1811 was applied in the pockets. After a partial cure, water mixed with dish soap was used to smooth the surface so the wood chips would not clog the pockets. The application was carried out in accordance with Belzona Know-How System Leaflet SHM-13.

BELZONA FACTS

Removing the disc to be sent out for welding, machining and stress relieving would cost \$30,000.00 or more. With Belzona, the job was completed on a Saturday, in place, and was ready for operation on Monday morning.

PICTURES

1. Grit blasting the chipper disc pockets
2. Pocket ready for application of Belzona 1811
3. Pocket from front side showing counter knife in place, Belzona 1811 in the pocket
4. Smoothing Belzona 1811 with soap and water to prevent chips from sticking



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



Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

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