

BELZONA LOW COST MAINTENANCE OF PRESS PADS

ID: 141



PROBLEM

Wear and cutting of the rubber bolster during the forming process leading to loss of accuracy in the formed components.

APPLICATION SITUATION

Rubber pad press used to form components from sheet metal. The rubber bolster exerts approximately 15000psi to the metal sheets to form them over the pattern die.

APPLICATION METHOD

Instead of replacing complete bolster a 1-inch (25 mm) thick rubber pad is bonded to the surface in accordance with Belzona System leaflet GSS-2.

BELZONA FACTS

Typically the Belzona repair costs 1/5th that of a new bolster and can be carried out by in-house maintenance staff. This company typically were replacing bolsters 3 to 4 times each year per machine and the Belzona repairs are estimated to save them almost £30,000 per annum.

INDUSTRY

General Industry

LOCATION

Aircraft manufacturer

APPLICATION DATE

March 1997

PRODUCTS

Belzona 2131 (D & A Fluid Elastomer)

SUBSTRATE

Rubber

PHOTOS

1. General view of the press
2. The resurfacing pad being positioned over the bolster with both surfaces treated with Belzona 2131
3. Weights in place whilst Belzona 2131 cures

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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