

## BELZONA LOW COST MAINTENANCE OF PRESS PADS

### CUSTOMER

Aircraft manufacturer

### APPLICATION DATE

March 1997

### 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.

### PROBLEM

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

### PRODUCTS

Belzona® 2131 (D & A Fluid Elastomer)

### SUBSTRATE

Rubber

### APPLICATION METHOD

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

### PICTURES

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 <http://khia.belzona.com>



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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