

BELZONA LOW COST MAINTENANCE OF PRESS PADS

ID: 141

Industry: General Industry
Application: GSS-Gaskets, Seals and Shims
Substrate: Rubber
Products: * Belzona® 2131 (D & A Fluid Elastomer) ,

Customer Location: Aircraft manufacturer
Application Date: March 1997

Problem

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



Photograph Descriptions

- * General view of the press ,
- * The resurfacing pad being positioned over the bolster with both surfaces treated with Belzona® 2131 ,
- * Weights in place whilst Belzona® 2131 cures ,

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.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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manufactured under an ISO
9000 Registered Quality
Management System.

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