

## BELZONA PROTECTS DUCTWORK ELBOW

### CUSTOMER

Paper Processing Industry, Gateshead, UK

### APPLICATION DATE

October 2011

### APPLICATION SITUATION

Ductwork elbows in pneumatic processed paper handling system.

### PROBLEM

The ducting had been installed early 2011 and due to the nature of their process/products the pipe elbows had worn within a short period of time.

### PRODUCTS

Belzona® 1111 (Super Metal)

Belzona® 1812 (Ceramic Carbide FP)

### SUBSTRATE

Steel Pipe

### APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflet SHM-8. The holed elbows were repaired using cut to size steel plates, formed and bonded over the holes using Belzona® 1111. The internal bend section was then lined with Belzona® 1812 to provide optimum abrasion resistance.

### BELZONA FACTS

Pipe elbows have been and continue to be protected with Belzona, increasing the working life of the system. As a result the customer has saved money on replacement costs and downtime.

### PICTURES

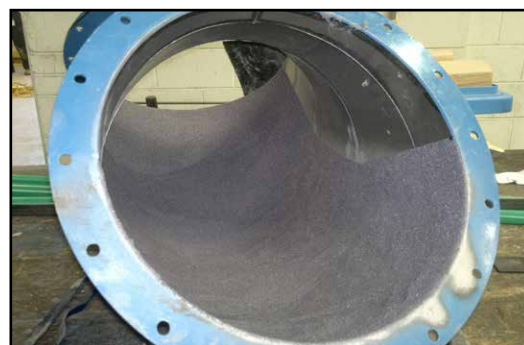
1. Holed elbow
2. Plates bonded over holes using Belzona® 1111
3. Internal bend coated with Belzona® 1812
4. Duct elbow back in service



1.



2.



3.



4.

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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