

# BELZONA PROTECTS DUCTWORK ELBOW

ID: 2485

Industry: Pulp & Paper

Customer Location: Paper Processing Industry, Gateshead, UK

Application: SHM-Solids Handling Machinery

Application Date: October 2011

Substrate: Steel Pipe

Products: \* Belzona® 1111 (Super Metal) ,  
\* Belzona® 1812 (Ceramic Carbide FP) ,

## 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.



## Photograph Descriptions

- \* Holed elbow ,
- \* Plates bonded over holes using Belzona® 1111 ,
- \* Internal bend coated with Belzona® 1812 ,
- \* Duct elbow back in service ,

## Application Situation

Ductwork elbows in pneumatic processed paper handling system.

## 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.

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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