

# IN-SITU BELZONA SHAFT REPAIR

ID: 2811

Industry: Power  
Application: MPT-Mechanical Power Transmission

Customer Location: University, London  
Application Date: December 2011

Substrate: Mild steel  
Products: \* Belzona® 1111 (Super Metal) ,

## Problem

The worn shaft was causing vibration and so much noise that they could not use the lecture hall.



## Photograph Descriptions

- \* Worn shaft ,
- \* Prepared surface ,
- \* Former being clamped in place ,
- \* Completed repair ,

## Application Situation

Air handler shaft

## Application Method

The repair was carried out in accordance with the Belzona Know-How System Leaflet MPT-2. The required shaft diameter was restored using a pre-fabricated former.

## Belzona Facts

The university needed a quick repair as they required the lecture hall urgently. The customer chose Belzona as they knew they could turn the job around far quicker and cheaper than traditional repair or replacement. They used £100 of product and 2 days labour versus £4,000 and 7 days using conventional methods.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve