

# BELZONA SOLUTION FOR SPALLED VICTORIAN LINTEL

ID: 4752

Industry: General Industry  
Application: WPA-Wall Problem Areas  
Substrate: Concrete  
Products: \* Belzona® 4141 (Magma-Build) ,

Customer Location: Shoe manufacturer, South West England  
Application Date: October 2013

## Problem

The lintels of the main door and windows had suffered severe deterioration. Carbonation of the concrete had allowed rebar corrosion leading to spalling of the concrete. The Belzona solution was selected due to the materials lightweight, non-porous and high adhesion together with its ability to complete the repair quickly and with minimal disturbance.



## Photograph Descriptions

- \* View of the main lintel at initial inspection ,
- \* Preparation of the main lintel ,
- \* Application being carried out to the adjacent window lintel showing the corner of the main lintel with the application completed ,
- \* Close up of the completed application on the main lintel ,

## Application Situation

A new back-up generator for the site was to be housed in the client's Victorian boiler house. Vibration from the new generator created a high risk of falling debris from the degraded lintels.

## Application Method

The works were carried out in accordance with the Belzona Systems leaflet WPA-4.

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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9000 Registered Quality  
Management System.

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## Belzona Facts

Due to the age of the building and time constraints, replacement of the lintels was not an option. The Belzona solution was carried out over two days and at a fraction of the cost to replace.

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