

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

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

www.belzona.com


BELZONA®
Repair • Protect • Improve

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.

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

