

BELZONA SOLUTION FOR SPALLED VICTORIAN LINTEL

ID: 4752



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.

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.

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.

INDUSTRY

General Industry

LOCATION

Shoe manufacturer, South West England

APPLICATION DATE

October 2013

PRODUCTS

Belzona 4141 (Magma-Build)

SUBSTRATE

Concrete

PHOTOS

1. View of the main lintel at initial inspection
2. Preparation of the main lintel
3. Application being carried out to the adjacent window lintel showing the corner of the main lintel with the application completed
4. Close up of the completed application on the main lintel

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