

# BELZONA PROVIDES LONG-TERM SOLUTION FOR SPALLED CONCRETE

ID: 6058

## Industry:

Application: WPA-Wall Problem Areas

Substrate: Concrete

Products: \* Belzona 4141 (Magma-Build),  
\* Belzona 4911 (Magma TX Conditioner),

Customer Location: School, Essex, UK

Application Date: March 2016

## Problem

When the windows were replaced it became apparent that there were major issues with spalled concrete on many of the window sills and lintels. Large chunks of concrete were breaking away and causing a hazard for staff and pupils. The repairs had to be able to be carried out with minimum disruption to the school's usual activities.



## Photograph Descriptions

- \* A severely spalled corner piece ,
- \* A cracked and spalled lintel ,
- \* The repaired corner piece ,
- \* The repaired lintel ,

## Application Situation

The school was built in the 1960s and had recently undergone major refurbishment in various areas.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet WPA-4. All loose debris was removed and the area cleaned before applying Belzona 4911 followed by Belzona 4141 to restore the original profiles. No special shuttering was required and the repairs were carried out easily with trowels.

## Belzona Facts

The school required a repair that would be aesthetically pleasing, easy to carry out during the normal school hours and long lasting. They are incredibly pleased with the results and are planning more applications in other areas with Belzona products.

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manufactured under an ISO  
9000 Registered Quality  
Management System.

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