

# BELZONA REPAIRS TO SPALLED CONCRETE

ID: 154

**Industry:** *General Industry*  
**Application:** *RPA-Roof Problem Areas*  
**Substrate:** *Concrete and steel*  
**Products:** *\* Belzona® 4141 (Magma-Build) ,*  
*\* Belzona® 5151 (Hi-Build) ,*

**Customer Location:** *Art college in U.K.*  
**Application Date:** *1996*

## Problem

*Carbonation of the concrete allowing corrosion of the steel reinforcing leading in turn to serious spalling of the concrete.*



## Photograph Descriptions

- \* Some of the extensive spalling prepared and conditioned ,
- \* Belzona® 4141 applied to rebuild the spalled concrete ,
- \* Completed application ,

## Application Situation

Cast concrete perimeter roof detail

## Application Method

Application was carried out in accordance with Belzona System Leaflet RPA-2.

## Belzona Facts

Permanent repairs were carried out with minimum access time. Belzona coating will prevent further carbonation on surrounding areas.

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.

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