

# BELZONA REPAIRS AND PROTECTS LEAKING BALCONY

ID: 4823

**Industry:** Buildings & Structures  
**Application:** RPA-Roof Problem Areas  
**Substrate:** Concrete  
**Products:** \* Belzona 4111 (Magma-Quartz) ,  
\* Belzona 3131 (WG Membrane) ,  
\* Belzona 3111 (Flexible Membrane) ,

**Customer Location:** County Council, UK  
**Application Date:** November 2010

## Problem

Over the years the cantilevered balcony had dropped allowing a gap to form between wall and the balcony itself. There was then water ingress through the gap into the shops below.



## Photograph Descriptions

- \* Balcony before work commenced ,
- \* During the application ,
- \* Completed application ,
- \* Further view of the completed application ,

## Application Situation

90m long concrete balcony giving access to flats over shop units.

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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## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets RPA-2 & RPA-8. Belzona 4111 was used to rebuild damaged masonry and then the entire area was sealed with a fully reinforced Belzona 3111 system before applying a further coat of Belzona 3131 blended with Belzona 9231 aggregate to create a hard wearing non-slip surface.

## Belzona Facts

Belzona were able to meet the specific requirements of the client. Due to the logistics of the long narrow balcony and to provide access to the tenants, duckboards were used for them to walk on.

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