

35 YEAR OLD BELZONA BUILDING REPAIR

ID: 1001

Industry: Buildings & Structures

Customer Location: Department of Education, Newcastle, UK

Application: FPA-Floor Problem Areas

Application Date: May 1981

Substrate: Steel & concrete

Products: * Belzona® 1111 (Super Metal) Belzona® 4111 (Magma Quartz),

Problem

The balcony edges were spalling and the balcony rail supports were eroded-corroded.



Photograph Descriptions

* The original repair being carried out in 1981 A section of the original repair in 1981 The repair area in February 2008 The balcony in picture 4 after 35 years in service ,

Application Situation

College building balcony edges and rail supports.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet RPA-2. Corroded tubular rail supports were cut away and steel bars glued into remaining tubular supports with Belzona® 1111. Spalled concrete then rebuilt encapsulating the new steel supports.

Belzona Facts

As shown in the photographs, the Belzona repair is still in perfect condition in 2016, over 35 years after the original application.

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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