

35 YEAR OLD BELZONA BUILDING REPAIR

ID: 1001



PROBLEM

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

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.

INDUSTRY

Buildings & Structures

LOCATION

Department of Education, Newcastle, UK

APPLICATION DATE

May 1981

PRODUCTS

Belzona 1111 (Super Metal) Belzona 4111 (Magma Quartz)

SUBSTRATE

Steel & concrete

PHOTOS

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

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