

BELZONA COMPLETES FULL REFURBISHMENT OF CHIMNEY STACK

ID: 1910

Industry: Buildings & Structures

Customer Location: Local council, UK

Application: WPA-Wall Problem Areas

Application Date: July 2008

Substrate: Concrete

Products: * Belzona® 4141 (Magma-Build) Belzona® 5151 (Hi-Build Cladding) Belzona® 5811 (Immersion Grade) ,

Problem

The chimney stack had several areas of spalled concrete due to moisture ingress.



Photograph Descriptions

* The chimney stack being scaffolded for access Some of the cracks requiring repair Close view of the chimney after the application General view of the completed application ,

Application Situation

The 28 metre tall stack in North Wales had undergone various temporary repair works in the past but due to its continued deterioration, a long term solution was required.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets WPA-1 & 4. The areas of damaged concrete were repaired with Belzona® 4141 before the chimney stack was fully coated with Belzona® 5151.

Belzona Facts

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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Belzona products used provide the long term repair and protection required. In particular the Belzona® 4141 was ideally suited to repairing the damaged concrete on the certical surfaces whilst Belzona® 5151 provides micro-porous self cleaning weather protection. Finally Belzona® 5811 was used at the top to provide resistance to acidic fumes.

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