

# BELZONA PROTECTS A POWER STATION CHIMNEY STACK

ID: 1444

Industry: Power

Customer Location: Coal Fired Power Station, Yorkshire, England

Application: WPA-Wall Problem Areas

Application Date: July 2008

Substrate: Bitumen coating over reinforced concrete

Products: \* Belzona® 5111 (Ceramic Cladding) Belzona® 4141 (Magma Build),

## Problem

Existing coating was beginning to degrade due to exhaust gases and ultra-violet (UV) breakdown combined with inclement weather.



## Photograph Descriptions

\* Existing coating degrading Application of Belzona® 5111 Completed application in 2008 Application revisited in 2010 ,

## Application Situation

Top section of exhaust gas chimney stack.

## Application Method

Application was carried out in accordance with modified Belzona Know-How System Leaflet WPA-2. Deteriorated bituminous coating was removed by grit blasting. Cracks and spalled concrete was rebuilt with Belzona® 4141 before coating with Belzona® 5111.

## Belzona Facts

Belzona® 5111 chosen due to its excellent long term UV and chemical resistance. The ease of application of the Belzona system was also a benefit.

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  
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