

BELZONA PROTECTS A POWER STATION CHIMNEY STACK

ID: 1444



PROBLEM

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

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.

INDUSTRY

Power

LOCATION

Coal Fired Power Station, Yorkshire, England

APPLICATION DATE

July 2008

PRODUCTS

Belzona 5111 (Ceramic Cladding) Belzona 4141 (Magma Build)

SUBSTRATE

Bitumen coating over reinforced concrete

PHOTOS

Existing coating degrading Application of Belzona 5111 Completed application in 2008 Application revisited in 2010

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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