

BELZONA PROTECTS POWER STATION CHIMNEY STACK

CUSTOMER

Coal Fired Power Station, Yorkshire, England

APPLICATION DATE

July 2008

APPLICATION SITUATION

Top section of exhaust gas chimney stack.

PROBLEM

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

PRODUCTS

Belzona® 5111 (Ceramic Cladding)

Belzona® 4141 (Magma Build)

SUBSTRATE

Bitumen coating over reinforced concrete

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.

PICTURES

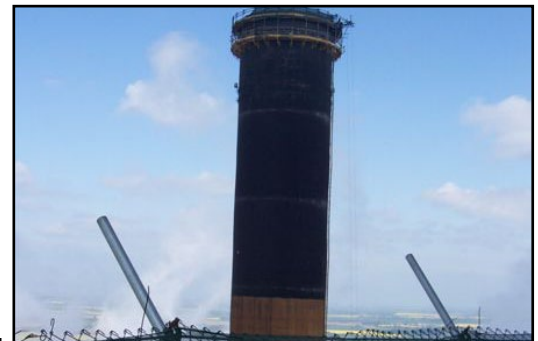
1. Existing coating degrading
2. Application of Belzona® 5111
3. Completed application in 2008
4. Application revisited in 2010



1.



2.



3.



4.

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