

## 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

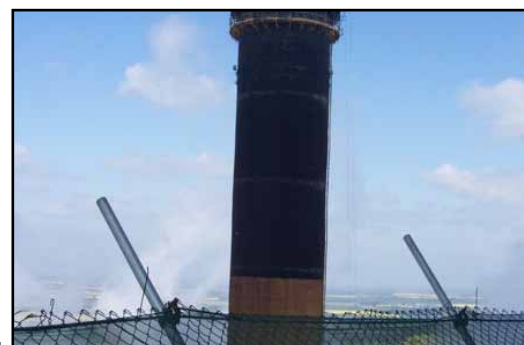
1. Existing coating degrading
2. Application of Belzona® 5111
3. Completed application in 2008
4. Application revisited in 2010



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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