

Chimney restored with Belzona

ID: 7856

Industry: Power
Application: FBC-Fans, Blowers and Compressors

Customer Location: Baltic region, Poland
Application Date: 2018

Substrate: Brickwork
Products: * Belzona 5111 (Ceramic Cladding) (Special RAL3000) ,
* Belzona 5911 (Ceramic Cladding Conditioner) ,

Problem

The 120-meter high chimney of the plant's combined heat and power plants required a new more durable coating protection. Previous coatings were very quickly tarnished and damaged.



Photograph Descriptions

- * The deteriorated chimney ,
- * The application underway ,
- * The completed job ,
- * The completed job ,

Application Situation

Oil refinery chimney, northern Poland

Application Method

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

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The application was carried out in Accordance with Belzona System Leaflet FBC-02 The chimney was cleaned, the old paint was removed by abrasive blasting to achieve a good surface profile. Then, Belzona 5911 Ceramic Cladding Conditioner was applied. Two layers of Belzona 5111 (Ceramic Cladding) coating were then applied onto a conditioned surface. The total area to be covered was 4,000 square meters.

Belzona Facts

The customer is a long term good customer. However, it was necessary to convince them to buy a coating almost three times more expensive than the previous coatings. They were convinced that the coating lasts longer (Belzona 5111 has a very high albedo – 0.89 thanks to which it reflects a significant part of solar radiation) and that the Belzona 5111 coating will be clean for longer and very visible.

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