

BELZONA PROVIDES HIGH TEMPERATURE CHEMICAL PROTECTION

ID: 7572



PROBLEM

The critical issue stemmed from acidic formation on the steel spikes as the furnace cooled down, leading to the spikes corroding away, and in turn, the insulation falling off making the furnace inefficient.

APPLICATION SITUATION

Customer needed to protect steel prickles for insulation fixation against chemicals (various acids) in high temperature (150°C).

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-5.

BELZONA FACTS

If steel prickles are broken then insulation is damaged and do not protect steel oven wall against chemicals. Other competitive coatings were not suitable because they do not work in high temperature or it was too long time for application.

INDUSTRY

Chemical & Petrochemical

LOCATION

Slovakia, Petrochemical Company

APPLICATION DATE

March 2017

PRODUCTS

Belzona 1593

SUBSTRATE

Carbon steel

PHOTOS

1. Corroded and damaged surface.
2. In addition to the wall, the peaks also had to be protected.
3. The first layer of Belzona 1593 product.
4. The second layer of Belzona 1593 product.

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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