

Belzona Provides High Temperature Chemical Protection

ID: 7572

Industry: Chemical & Petrochemical
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Carbon steel
Products: Belzona 1593,

Customer Location: Slovakia, Petrochemical Company
Application Date: March 2017

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.



Corroded and damaged surface.



In addition to the wall, the peaks also had to be protected.



The first layer of Belzona 1593 product.



The second layer of Belzona 1593 product.

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.

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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manufactured under an ISO
9000 Registered Quality
Management System.

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