

# Big Vacuum Oven Repair With Belzona 1593

ID: 8481

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Steel  
**Products:** \* Belzona 1593 ,  
\* Belzona 9111 (Cleaner Degreaser) ,

**Customer Location:** Slovakia  
**Application Date:** 2019

## Problem

The problem was: steel prickles inside which keep the oven insulation are degraded from acids throughout the life. Oven needed the protection against acids in high temperature.



## Photograph Descriptions

- \* 1. It was necessary to erect up scaffolding. ,
- \* 2. Steel prickles were coated too. ,
- \* 3. 2nd coat of Belzona 1593 applied. ,
- \* 4. Oven ready to use. ,

## Application Situation

They have used product Belzona 1593 for a vacuum oven in 2017. Because it was good and quick repair (several days) they made decision to use Belzona 1593 also for bigger construction - 675 m2.

## Application Method

The application was performed in accordance with Belzona system leaflet TCC-5. After blasting and cleaning, the oven was applied with Belzona 1593 in 2 layers. The first coat of Belzona 1593 was applied at 375 microns. After 12 hours the second coat was applied at 375 microns. Complete coating was finished in 2 days.

## Belzona Facts

Quick repair (several days) in high quality saves to customer big money.

1158 kg of Belzona 1593 was used.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

Belzona products are  
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