

# BELZONA HIGH TEMPERATURE LINING FOR NEW AUTOCLAVE

ID: 5641

Industry: Oil & Gas  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Carbon Steel  
Products: \* Belzona 1593 ,

Customer Location: Vessel Fabricator, Flums, Switzerland  
Application Date: October, 2014

## Problem

Operating conditions of the new autoclave will be immersion temperatures up to 110°C (230°F) and corrosive media including ethanol, methyl methacrylate and ETMA.



## Photograph Descriptions

- \* Outside view of autoclave ,
- \* Autoclave ready for grit blasting ,
- \* Lining application in action ,

## Application Situation

New carbon steel autoclave required corrosion protection.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. After grit blasting to SA 2.5 a two-coat system of Belzona 1593 was hand applied to an area of 45m<sup>2</sup> (484 ft<sup>2</sup>).

## Belzona Facts

The Belzona system offers excellent protection against corrosion at high temperatures. Rubbery domains have been incorporated into the polymer matrix to inhibit crack propagation and ensure longevity of the Belzona lining during thermal cycling.

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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