

# Repair of the damaged wall and bottom of the boiler condensation container

ID: 9600

Industry: Heating, Ventilation & Air Conditioning  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Carbon steel  
Products: Belzona 1511 (Super HT-Metal), Belzona 1593

Customer Location: Slovakia  
Application Date: August 2021

## Problem

When using the Buderus condensing boiler, the bottom and walls of the boiler were damaged by corrosion.



Damaged bottom and walls of the boiler.



The surface of the damaged bottom and wall of the boiler had to be blasted before applying Belzona products.



The missing original material was supplemented with the Belzona 1511 product.



Both the bottom and the walls were treated with the product Belzona 1593.

## Application Situation

Corrosion caused damage to the bottom and walls of the boiler, making further use impossible.

## Application Method

Abrasive surface treatment, desalination, degreasing and inspection before application. Repair of the outlet thread. Application of the protective system with the material Belzona 1511 and 1593.

## Belzona Facts

If the customer does not want to replace the damaged part, then it had to be repaired. Repair and protection with Belzona products was significantly cheaper than replacing with a new part.

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

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