

# Amine Regenerator Tower Receives Belzona Patch Repairs

ID: 8527

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas

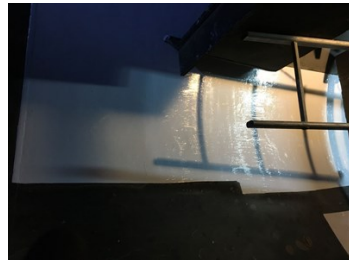
**Customer Location:** United Kingdom  
**Application Date:** May 2021

**Substrate:** Carbon Steel

**Products:** \* Belzona 1511 (Super-HT Metal),  
\* Belzona 1593,

## Problem

Due to heat treatment requirements weld repairs were not possible. A cold applied corrosion/erosion resistant solution was required.



## Photograph Descriptions

- \* 1 - Metal loss picked up during inspection ,
- \* 2 - Belzona 1593 applied ,
- \* 3 - Close up of the coating ,

## Application Situation

During a vessel inspection metal loss caused by corrosion was noted up to a maximum depth of 5mm.

## Application Method

The area was grit blasted using chilled iron. Areas of metal loss were then rebuilt with Belzona 1511 HT Metal. Two coats of Belzona 1593 were then applied to the area.

## Belzona Facts

The Belzona solution was applied in two days. It will provide long term protection for the vessel against the corrosive process conditions.

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

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