

# BELZONA REPAIRS LEAKING TANK AT FOOD FACTORY

ID: 5977

**Industry:** Food & Drink  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Carbon Steel  
**Products:** \* Belzona 1161 (Super UW-Metal) ,  
\* Belzona 5811 (Immersion Grade) ,

**Customer Location:** Food Producer, Skopje, Macedonia  
**Application Date:** November 2015

## Problem

Horizontal steel tank was suffering from corrosion, which had led to through-wall defects, all located at the bottom of the vessel. The customer had been using wooden pegs to plug the holes.



## Photograph Descriptions

- \* Wooden pegs plug leaking tank ,
- \* Surface preparation around defect ,
- \* Metal plates bonded with Belzona 1161 ,
- \* Repairs coated with Belzona 5811 ,

## Application Situation

Steel tank carrying unsaturated fatty acids at a food factory.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-1. Belzona 1161 was selected to bond metal plates over the defects. Each of these areas were then coated with Belzona 5811 to protect from further corrosion damage.

## Belzona Facts

The customer was after a quick fix as opposed to a long-term solution. Also, the tank was rotated in order to relocate the holes in the upper surface of the tank, thus preventing pressure leaks. Belzona 1161 surface tolerant properties ensured high bond strength to the contaminated tank surface.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
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