

# Belzona Seals Process Tower Roof

ID: 7801

**Industry:** General Industry  
**Application:** RPA-Roof Problem Areas  
**Substrate:** Aluminium sheets  
**Products:** \* Belzona 1111 (Super Metal) ,  
\* Belzona 1161 (Super UW-Metal) ,  
\* Belzona 1212 ,  
\* Belzona 3121 (MR7) ,

**Customer Location:** Fertiliser Plant, France  
**Application Date:** October 2018

## Problem

The roof of a process tower in this fertiliser plant was leaking due to the chemicals that were attacking the welds. Infiltration of water was becoming problematic for the production and the roof had to be fixed.



## Photograph Descriptions

- \* Before application ,
- \* Sealing step with paste grades ,
- \* Final application ,
- \* Sealing close up ,

## Application Situation

Aluminium roof of a process tower

## Application Method

The previous repairs were removed and Belzona 1111, 1161, 1212 and 9341 (reinforcement sheet) were used to seal the gaps. Then two coats of Belzona 3121 were applied on top of the repairs to seal in accordance with Belzona KNow-How System Leaflet RPA-1.

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  
Management System.

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## Belzona Facts

The other classic sealing methods with silicon or resin did not withstand the conditions. Welding was not allowed on site because of the presence of chemicals, and would still leave the area prone to corrosion. The fact that the whole application could be carried out without any hot work was a great advantage for the customer.

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