

# BELZONA SEALS PROCESS TOWER ROOF

ID: 7801



## 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.

## 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.

## 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.

## INDUSTRY

General Industry

## LOCATION

Fertiliser Plant, France

## APPLICATION DATE

October 2018

## PRODUCTS

Belzona 1111 (Super Metal)  
Belzona 1161 (Super UW-Metal)  
Belzona 1212  
Belzona 3121 (MR7)

## SUBSTRATE

Aluminium sheets

## PHOTOS

Before application  
Sealing step with paste grades  
Final application  
Sealing close up

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