

# BELZONA USED TO RESTORE CORRODED FLANGE ON CHIMNEY

ID: 144

**Industry:** General Industry  
**Application:** GSS-Gaskets, Seals and Shims  
**Substrate:** Steel  
**Products:** \* Belzona® 2221 ,  
\* Belzona® 4111 ,  
\* Belzona® 4311 ,

**Customer Location:** Fertilizer manufacturer in France  
**Application Date:** August 1996

## Problem

The flange faces and the removable gasket had been attacked and corroded by the chemicals passing through the unit. In places the depth of corrosion on the flanges was 20-30mm.



## Photograph Descriptions

- \* The difficult working situation on the chimney ,
- \* The flange rebuilt and protected ,
- \* Belzona® 2221 used to cast new gasket ,

## Application Situation

An acid vapour evacuation unit installed on top of a high chimney

## Application Method

Application was carried out using suitably modified techniques covered in Belzona System Leaflets GSS-2, VPF-1, 2 & 13.

## Belzona Facts

Ease of use was an important factor given the difficult working situation. The excellent chemical resistance of Belzona® 4311 has prevented further corrosion occurring on the flange.

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

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9000 Registered Quality  
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