

# FLANGE SEALING WITH BELZONA

ID: 2785

**Industry:** General Industry  
**Application:** VPF-Valves, Pipes and Fittings  
**Substrate:** Mid Steel  
**Products:** \* Belzona® 1391 (Ceramic HT) ,  
\* Belzona® 1111 (Super Metal) ,

**Customer Location:** Salt producer, Germany  
**Application Date:** May 2010

## Problem

The leaking flange had to be sealed without dismantling as production could not be interrupted.



## Photograph Descriptions

- \* Leaking flange ,
- \* Application of first coat ,
- \* Application of second coat ,
- \* Complete application ,

## Application Situation

Large leaking flange

## Application Method

Application was carried out in accordance with an adapted version of Belzona Know-How System Leaflet VPF-11. After grit blasting, the nuts and bolts were encapsulated with Belzona® 1111 before Belzona® 1391 was applied by brush, incorporating Reinforcement Tape, to completely seal the circumference of the flange joint.

## Belzona Facts

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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The application was completed in two days and has created a heat resistant seal without having to dismantle the flange. This ensured minimal disruption to production.

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