

# Belzona extends the life of a CRF wheel

ID: 7896

Industry: *Power*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Cast iron*  
Products: *\* Belzona 2311 (SR Elastomer) ,*  
*\* Belzona 2141 (ACR-Fluid Elastomer) ,*

Customer Location: *France*  
Application Date: *2005*

## Problem

*The coating and the equipment were damaged by cavitation.*



## Photograph Descriptions

- \* 1- Before application ,
- \* 2- After application ,

## Application Situation

Blades on a CRF wheel in a nuclear power plant.

## Application Method

Application was carried out in accordance with Belzona System Leaflet CEP-05.

After the removal of the remaining patches of the previous coating, the substrate was rebuilt using Belzona 2311. Belzona 2141 was then used to protect the area against cavitation.

## Belzona Facts

The customer noticed that the service life of this equipment was tripled thanks to this application. This solution would last 3 years instead of 1 with the alternatives tested before (welding, ceramic tiles, ...). This application is now done by the distributor every 3 years on this equipment.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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