

# Belzona Protects Screw Conveyor against Abrasion

ID: 7486

Industry: *Power*Customer Location: *Biomass power plant, France*Application: *SHM-Solids Handling Machinery*Application Date: *June 2015*Substrate: *Steel*Products: *\* Belzona 1311(Ceramic R-Metal) Belzona 1341 (Supermetalgilde) Belzona 9811 ,*

## Problem

*Abrasion of welds. Welding of the screw every 12 months. Service life: 5 years*



## Photograph Descriptions

- \* 1. Grit-blasted screw conveyor ,
- \* 2. Application of ceramic tiles on Belzona 1311 ,
- \* 3. Finished application ,

## Application Situation

11 meter long stainless steel screw conveyor, tube Ø 700 for the transport of wood bark.

## Application Method

The surface was grit-blasted and a layer of Belzona 1311 was applied. Ceramic tiles were placed and coated with Belzona 1311. The surface was then grit-blasted and Belzona 1341 was applied in 2 layers.

## Belzona Facts

Visit after 12 months: no visible abrasions or tile detachment

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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manufactured under an ISO  
9000 Registered Quality  
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