

# Ash Silo repaired with Belzona 1818

ID: 8535

Industry: Power  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: 3CR12 grade stainless steel  
Products: \* Belzona 1818 ,

Customer Location: Coal fired power station, Australia  
Application Date: June 2021

## Problem

They have been experiencing rapid wear in the bottom part and particularly the Northern wall of the Bottom Ash Silo. The silo is made of 3CR12 grade stainless steel at 8.0mm thick. The wear rate is 0.25mm of wall thickness loss per month. The customer needed a quick solution to protect what metal they had left.



## Photograph Descriptions

- \* Picture 1: External view of the damaged Silo ,
- \* Picture 2: Internal view of the damaged Silo ,
- \* Picture 3: Belzona is applying ,
- \* Picture 4: Application complete ,

## Application Situation

The Power Station is a 750 megawatt coal fired power station.

## Application Method

There were areas in the Silo walls that had worn down from 8.0mm to 3.8mm of remaining wall thickness. Rezitech were called to offer a quick solution to reduce the metal loss and protect the remaining substrate. 20 X 1 kg kits of Belzona 1818 were applied.

## Belzona Facts

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

Belzona products are  
manufactured under an ISO  
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The product had to be surface tolerant as there was no time to get abrasive blasting organized and staged three stories up at short notice. Also, the product had to be fast curing as they needed to get back on line as quickly as possible, and of course had to be abrasion resistant. Just the job that Belzona 1818 was designed for.

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