

Belzona SuperWrap II repairs and strengthens ash chutes

ID: 9325

Industry: Other
Application: SHM-Solids Handling Machinery

Customer Location: Bristol
Application Date: March 2024

Substrate: Other
Products: Belzona 1983 (SuperWrap II)

Problem

The customer burns non-recyclables and re-use the energy from the combustion. The ash left from burning comes down the chutes wearing holes due to sliding abrasion specifically on the elbows and joints where the ash has more contact.



Ash chute had worn due to sliding abrasion



Damaged area was bristle blasted to key profile



Belzona 1983 SuperWrap II is applied then Belzona 9382 release film is applied to consolidate application



Release film is removed and repair application is complete

Application Situation

All the chutes are very thin and near impossible to weld where holes had appeared so the customer liked the idea of 1983 SuperWrap II which would repair and seal the holes. It would also provide strength to the thin through wall and give some wall strength to the worn away sections.

Application Method

The substrate was bristle blasted to provide the required substrate key profile. The termination points were taped out and Belzona 1983 SuperWrap II was applied 50/50 to increase strength to specified standard. A consolidator sheet was applied until application had cured to IFU specification.

Belzona Facts

The customer was delighted with the solution and is having all the chutes replaced in a June shutdown with Belzona SuperWrap II applied to give the new chutes some strength and longer durability.

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.

www.belzona.com

**BELZONA**
Repair • Protect • Improve