

Fan housing protection

ID: 9554

Industry: *Pulp & Paper*
Application: *FBC-Fans, Blowers and Compressors*

Customer Location: *Slovakia*
Application Date: *January 2015*

Substrate: *Carbon steel*
Products: *Belzona 1811 (Ceramic Carbide), Belzona 1812 (Ceramic Carbide FP), Belzona 9811*

Problem

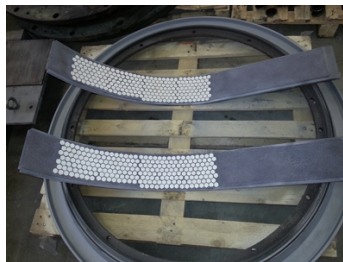
Due to the influence of wood chips, significant abrasion occurred.



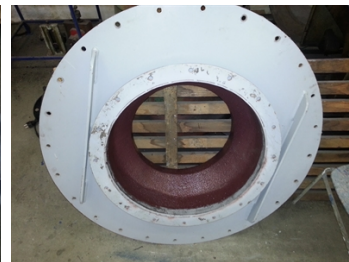
Surfaces prepared before applying Belzona products.



Application of Belzona 1812 and 9811 products.



Complete application.



Fan case protection.

Application Situation

The combination of Belzona 1812 + Belzona 9811 repair is faster and better for the customer than welding.

Application Method

Surface blasting on Sa 2.5 with 75 µm profile. Surface degreasing. Application of Belzona 1811 to a fan wheel in approx. 6000 µm thickness. Application of Belzona 1812 in a thickness of approx. 6000 µm and Belzona 9811 ceramic tiles on 2 pcs of boards. Tools: spatula, roller

Belzona Facts

Better protection, faster repair - compared to the welding that the customer has been doing so far.

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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