

BELZONA REBUILDS TURBO SEPARATOR

ID: 1291

Industry: Pulp & Paper

Application: SHM-Solids Handling Machinery

Customer Location: Pulp & Paper Plant, Bulgaria

Application Date: July 2009

Substrate: Basalt tiles, carbon steel and stainless steel

Products: * Belzona® 1811 (Ceramic Carbide),

Problem

The basalt tile lining suffered severe abrasion during pulp separation and as a result a lot of broken edges and cracked tiles were present.



Photograph Descriptions

- * View of the damaged tiles around turbo separator outlet ,
- * The same view of the outlet after grit blasting ,
- * Belzona® 1811 applied to restore damaged tiles ,
- * Close up view of the repaired separator inlet ,

Application Situation

Turbo Separator ATS21

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SHM-7. Belzona® 1811 was applied to restore surface profile and to produce as smooth as possible surface.

Belzona Facts

Replacing the broken and cracked tiles was not an option due to cost and time constraints. Belzona was chosen for its fast and in-expensive application. whole repair was done within 48-hour period thus restoring an even surface profile with similar abrasion resistance compared to basalt.

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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