

Turbo Separator Repair With Belzona 1818

ID: 8480

Industry: *Pulp & Paper*
Application: *SHM-Solids Handling Machinery*

Customer Location: *Brisbane, Australia*
Application Date: *March 2021*

Substrate: *Carbon steel*
Products: *Belzona 1818,*

Problem

The Turbo Separator is a disc screen specially designed for coarse screening, primarily removing light and heavy impurities from wastepaper. The unit is lined with thick Basalt tiles and has a hard-wearing grouting compound applied over the joints between the tiles. Over the years, this grouting compound would wear away leaving the joints unprotected. This is a very abrasive environment.



Worn grouting system



Application in progress



Application in progress



Application complete

Application Situation

Turbo separator in Paper recycling plant

Application Method

After cleaning out the pulp, the Turbo separator was dried out using rags. Surface preparation was achieved using a diamond blade on an angle grinder to create a "key" for Belzona 1818.

Belzona 1818 was mixed and applied with ease, including overhead areas.

Belzona Facts

Previously, Belzona 1812 was used to repair this turbo separator. Belzona 1818 provided: - Easier vertical and overhead application - Lower surface preparation needs - Quicker back to service - Time and cost savings.

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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