

Belzona Chocking System Installed at a Papermill

ID: 9758

Industry: *Pulp & Paper*
Application: *GSS-Gaskets, Seals and Shims*
Substrate: *Concrete*
Products: *Belzona 7111, Belzona 9411 (Release Agent)*

Customer Location: *NSW Australian*
Application Date: *October 2022*

Problem

A 22-ton screw press with 16 support legs requires a chocking system to withstand harsh physical vibrations and thermal shock.



Screw press requires a high-performance chocking at the support legs to ensure stability and minimize vibrations

Formwork was built around the support legs before pouring the Belzona chocking system

Pouring Belzona 7111

Completed application of Belzona 7111, 100% solids chocking/grouting material

Application Situation

The Paper Mill required a quick solution as the screw press wasn't installed until towards the end of the major shutdown. The onsite team was able to complete the job in just 3 days, ensuring a quick return to service.

Application Method

The application was done in accordance with Belzona Know-How System Leaflet GSS-12.

1. Timber battens were coated in Belzona 9411 Release Agent
2. A dam was created in 16 locations using screws and silicon, left to cure overnight.
3. Belzona 7111 was mixed and poured in accordance with Belzona 7111 IFU, and was left to cure for 24 hours before removing timber battens.

Belzona Facts

Belzona 7111 was used as it is a self leveling system to create a perfectly even base for the screw press.

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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