

BELZONA CHOCKING SYSTEM INSTALLED AT A PAPERMILL

ID: 9758



PROBLEM

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

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.

INDUSTRY

Pulp & Paper

LOCATION

NSW Australian

APPLICATION DATE

October 2022

PRODUCTS

Belzona 7111

Belzona 9411 (Release Agent)

SUBSTRATE

Concrete

PHOTOS

1. Screw press requires a high-performance chocking at the support legs to ensure stability and minimize vibrations
2. Formwork was built around the support legs before pouring the Belzona chocking system
3. Pouring Belzona 7111
4. Completed application of Belzona 7111, 100% solids chocking/grouting material

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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