

PHONIC DAI LOTONE

Tongue&Groove STAPLE AND GLUE DIRECT FIX CEILING TILE



Hygrothermal



Mineral Fibre



Fire Test Group-15

FEATURES

- A cost effective way to introduce way to introduce absorption into existing spaces with high reverberation
- A high density tongue and groove mineral fibre ceiling tile with a white painted finish. Designed for direct fix applications.
- Due to its high density and fine grained substrate, Phonic Dai Lotone can achieve unique and high quality detailing in their tiles. This is reflected in the Rib 501 pattern.
- Phonic Mineral Fibre Acoustic Ceiling materials are less likely to emit gas or smoke, or to melt, break or become deformed under normal fire conditions.
- For Green Star rated projects, Phonic meets the Greenguard Emission certificate standard.

V 2.0 12/23



PHONIC
ACOUSTIC CEILING TILES



Sound absorption	Direct fix	NRC 0.45
	On 35 mm battens	NRC 0.50
	*Calculated	
Fire Test	Thickness	Class
	9 - 12 mm	Group 1-S
*Tested to ISO 5660.1-2015 Reaction to fire tests – Heat release smoke production and mass loss rate part 1 (cone calorimeter).		
Sizes	Thickness	
	9 (non-rib), 12 mm (rib)	606 x 303 mm
Weight	2.75 kg/m ² (9 mm), 3.65 kg/m ² (12 mm)	
Density	305 kg/m ³ (9 mm), 304 kg/m ³ (12 mm)	
Edge details	Tongue and groove	
Light reflectance	LR 80% +	
	*Tested to ASTM E1477-98 standard test method	
Colour	White.	
Thermal resistance	0.225 m ² K/W (9 mm), 0.3 m ² K/W (12 mm) (calculated)	
Sustainability	Mineral Fibre - Made with 76% Recycled Content.	
	Post Industrial Total 70%- Slag wool 45%, Dust Sludge from ceiling tile production 25%, Post Consumer Total 6%- Recycled paper 6%, Reused materials- Mineral wool (by product of steel production), volcanic silicate, newsprint. Recycled materials- Mineral wool during the manufacturing process (preconsumed) and re collection from building/house demolition sites (postconsumed) newsprint	
VOC	*Tested to ASTM D519-06 standard test method	
Warranty	30 Year product warranty when installed in accordance with NZ1170.5	
NZ building code	Exceeds clause B2 - durability, 5 years	

*Test reports available upon request