



PHONIC HARMONY +

High Performance Acoustic Ceiling Tile

📶 Mid Range Absorption

💧 Hygrothermal

🔥 Fire Test Group-1S

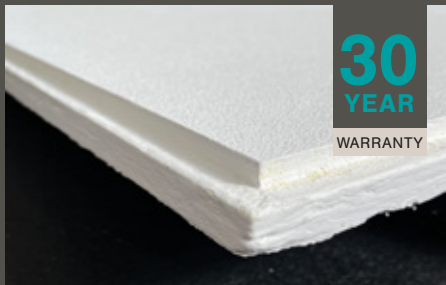
🔊 High Attenuation

🏠 Glasswool

⚙️ Mineral Fibre



PHONIC
ACOUSTIC CEILING TILES



30
YEAR
WARRANTY

FEATURES

Phonic Harmony + is a composite tile with a refined white painted, monolithic, pre-finished face.

It has an absorptive layer with an attenuating backer behind.

The absorbent face is made from a high density glass-wool.

For Green Star rated projects, Phonic meets the Greenguard Emission Certificate standard.

Sound absorption	Thickness	HZ	125	250	500	1000	2000	4000	α_w	NRC
	23 mm	ap	0.55	0.45	0.55	0.85	1.00	1.00	0.65	0.75
	*Tested to AS/ISO 354: 2006 Acoustics-Measurement of sound absorption i n a reverberation room .aW, calculated to ISO 11654 1997, NRC calculated to ASTM C423. Air gap type E-400.									
Ceiling attenuation coefficient	Thickness	CAC								
	23 mm	39								
	*Tested to ASTM E1414-11A Standard test method for airborne sound attenuation between rooms sharing a common ceiling plenum.									
Fire Test	Class 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). NZBC C/VM2 Appendix A.									
Sizes	Thickness	Sizes								
	23 mm	1200 mm x 600 mm, 600 mm x 600 mm (other sizes available on indent)								
Weight	4.19 kg/m²									
Density	100 kg/m³ (glasswool), 250 kg/m³ (mineral fibre)									
Edge details	Square edge & reveal edge									
Light reflectance	87% for white *Tested to ASTM E1477-98 standard test method									
Colour	White, Black									
Thermal resistance	0.4 m²k/w (calculated)									
Sustainability	Recycled product: the rate of pre-consumer recycled content in Phonic fibreglass ceiling tiles is 80%. The recycled content includes 30% industrial waste and 70% civilian used waste, all procured from reclamation depots.									
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



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