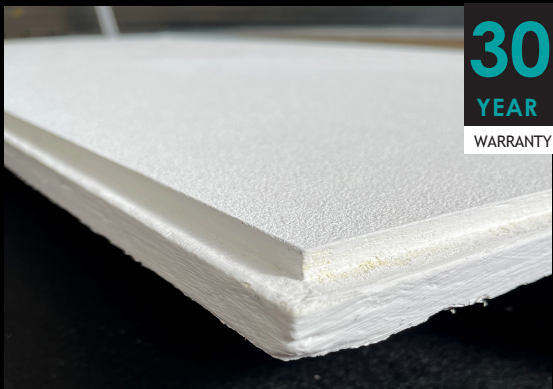




PHONIC HARMONY +

HIGH PERFORMANCE ACOUSTIC CEILING TILE



Mid range absorption



Hygrothermal



Fire Test Group-1S



High Attenuation



Glasswool



Mineral Fibre

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.

V1.0 11/23



PHONIC
ACOUSTIC CEILING TILES



Sound absorption	Thickness 20 mm	HZ α_p	125 0.55	250 0.40	500 0.55	1000 0.80	2000 0.95	4000 1.00	α_w 0.60	NRC 0.70
*Tested to AS/ISO 354: 2006 Acoustics-Measurement of sound absorption in a reverberation room . α_w , calculated to ISO 11654 1997, NRC calculated to ASTM C423. Air gap type E-400.										
Ceiling attenuation coefficient	Thickness 20 mm	CAC 39								
*Tested to ASTM E1414-11A Standard test method for airborne sound attenuation between rooms sharing a common ceiling plenum.										
Fire test	Thickness 20 mm	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 20 mm	1200 x 600 mm, 600 x 600 mm (other sizes available on indent)								
Weight	3.292 kg/m ²									
Density	100 kg/m ³ (glasswool), 250 kg/m ³ (mineral fibre)									
Edge details	Square edge, reveal edge									
Light reflectance	87% *Tested to ASTM E1477-98 standard test method									
Colour	White, Black									
Thermal resistance	0.4 m ² k/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