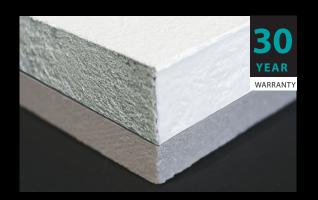


HIGH PERFORMANCE ACOUSTIC CEILING TILE





High Absorption

High Attenuation



Hygrothermal



Fire Test Group-1S



Mineral Fibre



- Phonic Combo + 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 compounded, high density glasswool.
- For Green Star rated projects, Phonic meets the Greenguard Emission Certificate standard.

V1.0 11/23









Phonic Combo +

Sound absorption	Thickness	HZ	125	250	500	1000	2000	4000	$\alpha_{_{W}}$	NRC
	35 mm	αρ	0.30	0.45	0.75	0.95	1.00	0.75	0.85	0.85
	45 mm	αр	0.55	0.60	0.90	1.00	1.00	0.95	0.90	0.90
	*Tested to AS/ISO 354: 2006 Acoustics-Measurement of sound absorption in a reverberation room. aw,									
	calculated to ISO 11654 1997, NRC calculated to ASTM C423. Air gap type E-400.									
Ceiling attenuation coefficient	Thickness			CAC						
	35 mm			42						
	45 mm			40						
	*Tested to ASTM E1414-11A Standard test method for airborne sound attenuation between rosharing a common ceiling plenum.									
Fire test	Thickness			Class						
	35 mm, 45 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). NZBC C/VN									
Sizes	Thickness			1200 >	k 600 mr	m. 600 x	600 m	m (othe	r sizes	
3.263	35 mm, 45 mm				ble on ir			(5	0.200	
Weight	7.5 kg/m² (35 mm), 6.17 kg/	m² (45 mr	n)			·				
Density	Face glasswool									
Delisity	35 mm 100 kg/m ²									
	45 mm 80 kg/m ³									
	43 IIIII 00 kg/III									
	Backer mineral fibre									
	35 mm 250 kg/m ²									
	45 mm 250 kg/m ²									
Edge details	Square edge, reveal edge or	indent								
Light reflectance	87%									
S	*Tested to ASTM E1477-98 star	ndard test r	nethod							
Colour	White, Black									
Thermal resistance	0.7 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 - durabilit	y, 5 years								

*Test reports available upon request











