PHONIC IMPACT

Acoustic Sports Ceiling Tile

High Absorption	Hygrothermal	Impact Resistant
High Attenuation	Glasswool	

PHONIC
ACOUSTIC CEILING TILES

FEATURES

High performing acoustic tile

Phonic impact tiles are suitable for all suspended ceiling grid systems

Suitable for gymnasiums and multi-purpose spaces

Designed for impact from sports balls

Due to its unique strong impact resistant fibre glass face, it is ideal for gymnasiums, sports centres, schools and community halls. It can withstand significant impact and the Robo-clip system will prevent tiles from dislodging if required.

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
	40 mm	αp	0.65	0.75	0.85	0.95	1.00	0.95	0.95	0.90

*Tested to AS/ISO 354: 2006 Acoustics-Measurement of sound absorption in a reverberation room. Air gap type E-400.

Ceiling attenuation coefficient

Thickness	CAC
40 mm	40

*Tested to ASTM E1414-11A Standard test method for airborne sound attenuation between rooms sharing a common ceiling plenum.

Fire Test

Thickness	Class
40 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).

Cleanroom

Thickness	Class
40 mm	3

*Tested to the principal requirements in accordance ISO 14644.1:2015 and the tile meets Cleanroom Class 3.

Sizes

Thickness	Sizes
40 mm	1200 mm x 600 mm, 600 mm x 600 mm (other sizes available on indent)

Weight	4.34 kg/m²
Density	100 kg/m³
Edge details	Square edge
Light reflectance	LR 84% + *Tested to ASTM E1477-98 standard test method
Colour	White, Available on indent; Black, Blue, Grey, Caramel- MOQ apply).
Thermal resistance	1 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

T&R INTERIOR SYSTEMS

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