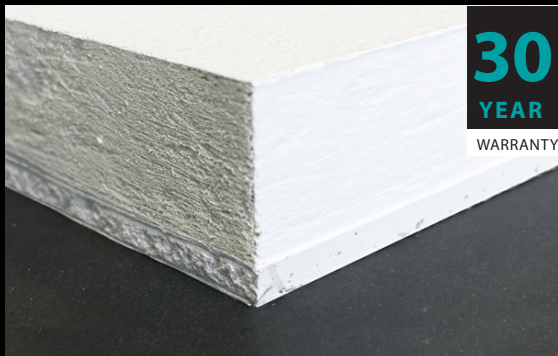


PHONIC

IMPACT COMBO +

HIGH PERFORMANCE ACOUSTIC CEILING TILE

Indent Item



High Absorption



Mineral Fibre



Fire Test Group-1S



High Attenuation



Glasswool

FEATURES

- Glasswool tile with a strong impact-resistant fibre glass face and an attenuating layer behind (this is adhered on site). Monolithic pre-finished face tile.
- This is an ideal tile for gymnasiums where sound transfer is a concern.
- Can be ink-jet printed with custom designs and logos. Available in a selection of colours on indent – standard colour is white.
- Suspend Phonic Impact Combo + Sports tiles in a standard CBI two way grid system. Use custom Robo clips to prevent tiles from dislodging.
- For Green Star rated projects, Phonic meets the Greenguard Emission Certificate standard.

V2.0 12/23



Sound absorption	Thickness	HZ	125	250	500	1000	2000	4000	α_w	NRC
	53 mm	α_p	0.60	0.75	0.75	0.95	1.00	0.95	0.80	0.85

*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	CAC
	53 mm	46

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

Fire test	Thickness	Class
	53 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/VM2 Appendix A.

Clean room	Thickness	Class
	53 mm	3

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

Sizes	Thickness	
	53 mm	1200 x 600 mm, 600 x 600 mm

Combine weight	8.2 kg/m ²
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Density	38 mm Glasswool 100 kg/m ³ , 15mm Mineral Fibre 280 kg/m ³
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Edge details	Square edge
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Light reflectance	87% +
	*Tested to ASTM E1477-98 standard test method

Colour	White
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Thermal resistance	1.325 m ² K/W (calculated)
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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.
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VOC	*Tested to ASTM D519-06 standard test method
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Warranty	30 Year product warranty when installed in accordance with NZ1170.5
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NZ Building Code	Exceeds clause B2 - durability, 5 years
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*Test reports available upon request