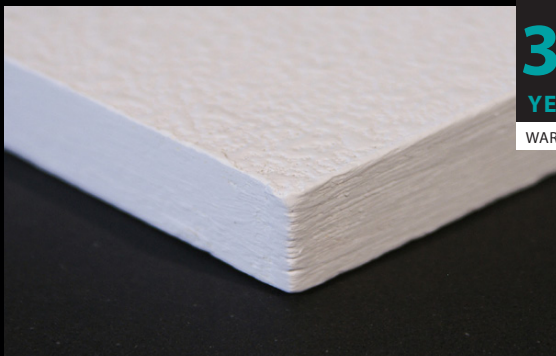




PHONIC ABSORB

HIGH PERFORMANCE ACOUSTIC CEILING TILE



30
YEAR
WARRANTY



High Absorption



Hygrothermal



Hygiene



Lightweight Tile



Glasswool



Fire Test Group-1S

FEATURES

- High performing acoustic tile
- Monolithic pre-finished face tile
- Light weight
- Suitable for digital printing
- Recommended for all ceiling interior applications including offices, education and healthcare
- Phonic Absorb tiles are suitable for all suspended ceiling grid systems
- For Green Star rated projects, Phonic meets the Greenguard Emission Certificate standard.

V1.0 11/23



PHONIC
ACOUSTIC CEILING TILES



Sound absorption	Thickness 15 mm 20 mm 30 mm/HD HZ αp αp αp 125 0.60 0.60 0.60 250 0.75 0.75 0.70 500 0.75 0.80 0.90 1000 0.95 1.00 1.00 2000 1.00 1.00 1.00 4000 0.95 1.00 0.95 α _w 0.80 0.90 0.95 NRC 0.85 0.90 0.95
*Tested to AS/ISO 354: 2006 Acoustics-Measurement of sound absorption in a reverberation room. αW, calculated to ISO 11654 1997, NRC calculated to ASTM C423. Air gap type E-400	
Ceiling attenuation coefficient	Thickness 15 mm 20 mm 30 mm/HD CAC 22 23 33 *Tested to ASTM E1414-11A Standard test method for airborne sound attenuation between rooms sharing a common ceiling plenum.
Fire test	Thickness 15 - 20 - 30 mm HD 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).
Cleanroom	Thickness 15 - 20 - 30 mm HD Class 3 *Tested to the principal requirements in accordance ISO 14644.1:2015 and the tile meets Cleanroom Class 3.
Sizes	Thickness 15 - 20 - 30 mm HD 1200 x 600 mm, 1200 x 300 mm, 600 x 600 mm (other sizes available on indent)
Weight	1.5 kg/m ² (15 mm), 2.0 kg/m ² (20 mm), 3.6 kg/m ² (30 mm HD)
Density	100 kg/m ³ (15 mm), 100 kg/m ³ (20 mm), 120 kg/m ³ (30 mm HD)
Edge details	Square edge, reveal edge
Light reflectance	LR 87% + *Tested to ASTM E1477-98 standard test method.
Colour	White, Black (digital printing available on request)
Thermal resistance	0.35 m ² k/w (calculated)
Moisture rate	≤ 1% *Tested to JC/T 670 – 2005 standard test method.
Antimicrobial	*Tested to ISO 22196:2011 standard test method.
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 D5116-06 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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