



PHONIC CLEAN

ACOUSTIC HYGIENE CEILING TILE



High Absorption



Hygrothermal



Hygiene



Lightweight Tile



Glasswool



Fire Test Group-1S

FEATURES

- High Noise Reduction Coefficient.
- Glasswool ceiling tile with a water-repellent, white painted, monolithic, pre-finished face. Wipeable and cleanable face.
- Suitable for use in medical centres, hospitals, laboratories and other commercial interiors.
- Optional foil backing to allow positive pressure in ceiling plenum.
- Lightweight tile is ideal for seismic design.
- For Green Star rated projects, Phonic meets the Greenguard Emission Certificate standard.

V1.0 11/23



PHONIC
ACOUSTIC CEILING TILES



Sound absorption	Thickness	HZ	125	250	500	1000	2000	4000	α_w	NRC
	15 mm	α_p	0.60	0.75	0.75	0.95	1.00	0.95	0.80	0.85
15 mm (foiled back)	α_p	0.30	0.45	0.75	0.95	1.00	0.75	0.75	0.75	

*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
	15 mm	22
	15 mm (foiled back)	26

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

Fire test	Thickness	Class
	15 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
	15 mm	3

*Tested to the principal requirements in accordance ISO 14644.3:2015 and the tile meets Cleanroom Class 3.

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

Weight	1.5kg/m ²
--------	----------------------

Density	100kg/m ³
---------	----------------------

Edge details	Square edge
--------------	-------------

Light reflectance	LR 84% +
	*Tested to ASTM E1477-98 standard test

Colour	White
--------	-------

Thermal resistance	0.4 m ² k/w (calculated)
--------------------	-------------------------------------

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 D519-06 standard test method.
-----	---

Warranty	10 Year product warranty when installed in accordance with NZ1170.5
----------	---

NZ Building Code	Exceeds clause B2 - durability, 5 years
------------------	---

*Test reports available on request.