PHONIC FINE FISSURED

ACOUSTIC CEILING TILE

30 YEAR WARRANTY

Glasswool

Hygrothermal

Fire Test Group-1S

FEATURES

- Non-directional fissured white face tile.

- Most economical tile in the Phonic range.

- Phonic Fine Fissured meets the greenguard emission certificate standard.

- Suitable for commercial ceiling interior applications including office, retail, medical and healthcare.

- Phonic Fine Fissured tiles are suitable for all suspended ceiling grid systems.

V1.0 11/23

T&R INTERIOR SYSTEMS

PHONIC ACOUSTIC CEILING TILES

Sound absorption	Thickness		HZ	125	250	500	1000	2000	4000	α_w	NRC
	15 mm		αp	0.35	0.30	0.35	0.55	0.75	0.75	0.45	0.45

*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
	15 mm	35

*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). NZBC C/VM2 Apprendix A.

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

Weight
4.2 kg/m^2

Density
302 kg/m^3

Edge details
Square edge & reveal edge

Light reflectance
80%
*Tested to ASTM E1477-98 standard test method

Colour
White

Thermal resistance
0.375 m^{2}k/w (calculated)

Sustainability
Mineral Fibre - Made with 76% recycled content

Post Industrial Total 70%- Slag wool 45%, Dust Sludge from ceiling tile production 25%, Post Consumer Total 6%- Recycled paper 6%, Reused materials- Mineral wool (by product of steel production), volcanic silicate, newsprint. Recycled materials- Mineral wool during the manufacturing process (preconsumed) and re collection from building/house demolition sites (postconsumed) newsprint.

VOC
*Tested to ASTM D519-06 standard test method - Tested to ISO or Acquired to ISO 14001

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