



PHONIC NDF

ACOUSTIC CEILING TILE



Hygrothermal



High Attenuation



Fire Test Group-1S



Mineral Fibre

FEATURES

- NDF is the most economical tile in the Phonic range.
- Phonic NDF has a medium Noise Reduction Coefficient and medium Ceiling Attenuation Class to help reduce reverberation time and to prevent sound transfer through the ceiling plenum.
- Phonic NDF are favoured for their durability and ease of handling.
- For Green Star rated projects, Phonic meets the Greenguard Emission Certificate standard.

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Sound absorption	Thickness 12mm 15 mm *Calculated	NRC 0.55 - 0.60 0.55 - 0.60
Ceiling attenuation coefficient	Thickness 12, 15 mm	CAC 36
	*Tested to ASTM E1414-11A Standard test method for airborne sound attenuation between rooms sharing a common ceiling plenum.	
Fire test	Thickness 12 mm, 15 mm *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.	Class Group 1-S
Sizes	Thickness 12 mm, 15 mm	1200 x 600 mm, 600 x 600 mm (other sizes available on indent)
Weight	3.3 kg/m ² (12 mm), 4.125 kg/m ² (15 mm)	
Density	275 kg/m ³	
Edge details	Square edge (12 mm), reveal edge (15 mm)	
Light reflectance	80% *Tested to ASTM E1477-98 standard test method	
Colour	White	
Thermal resistance	0.3 m ² K/W (12 mm), 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	
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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