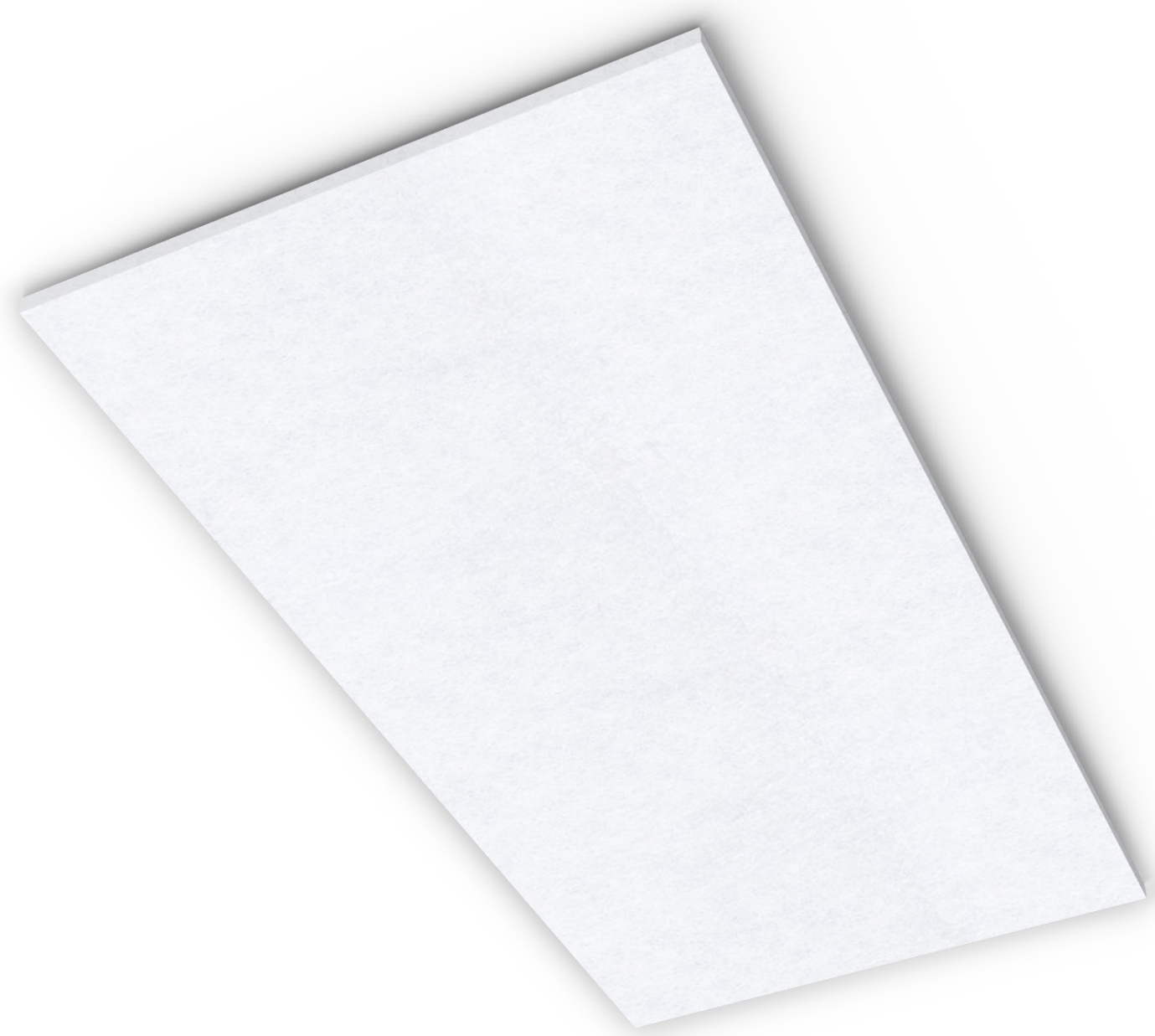




Acoustic Ceiling Tile

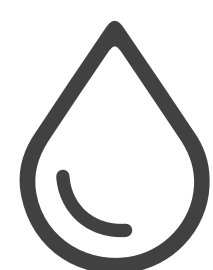
Our High-Performance Acoustic Ceiling Tile enhances both the comfort and functionality of any learning environment. Designed to reduce noise and echo, it offers exceptional sound absorption, promoting clear speech and a focused atmosphere. Crafted from lightweight, hygienic glass wool, it is resistant to mould, ensuring long-lasting cleanliness. Engineered for durability and versatility, it meets Fire Test Group-1S safety standards, making it the ideal choice for classrooms and educational spaces.



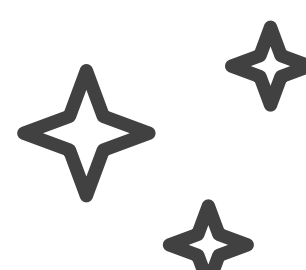
- High-performing acoustic tile
- Monolithic pre-finished face tile
- Lightweight, easy installation
- Improved speech clarity
- Recommended for all ceiling interior applications including offices, education and healthcare.
- Fire, Thermal and Moisture Resistance
- Ideal for all suspended ceiling grid systems
- For Green Star-rated projects, meets the Greenguard Emission Certificate standard.
- 30 Year Warranty



High Absorption



Hygrothermal



Hygiene



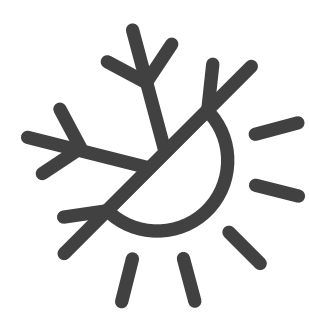
Fire Test Group-1S



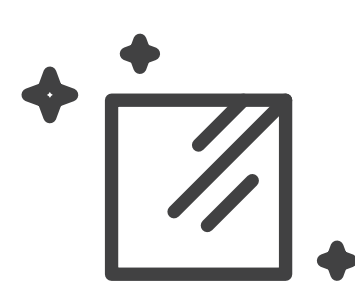
Emissions Cert



Lightweight Tile



Thermal Resistance



Glasswool

30

30 Year Warranty



Improved Clarity

Acoustic Ceiling Tiles

Sound Adsorption	Thickness	Hz	125	250	500	1000	2000	4000	α_w	NRC
	15 mm	Hz	0.60	0.75	0.75	0.95	1.00	1.00	0.80	0.85
<small>*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</small>										

Ceiling Attenuation Coefficient	CAC - 22
	<small>*Tested to ASTM E1414-11A Standard test method for airborne sound attenuation between rooms sharing a common ceiling plenum.</small>

Fire Test	Class - Group 1-S
	<small>*Tested to ISO 5660.1-2015 Reaction to fire tests – Heat release smoke production and mass loss rate part 1 (cone calorimeter).</small>

Cleanroom	Class - 3
	<small>*Tested to the principal requirements in accordance ISO 14644.1:2015 and the tile meets Cleanroom Class 3.</small>

Sizes	1200 x 600 mm	Weight	1.5 kg/m ² (15mm)
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Thermal Resistance	0.35 m ² k/w (calculated)	Density	100 kg/m ² (15mm)
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Light Reflectance	LR 87%
	<small>*Test to ASTM E1477-98 standard test method</small>

Moisture Rate	≤ 1%
	<small>*Tested to JC/T 670 – 2005 standard test method</small>

Antimicrobial	<small>*Tested to ISO 22196:2011 standard test method.</small>
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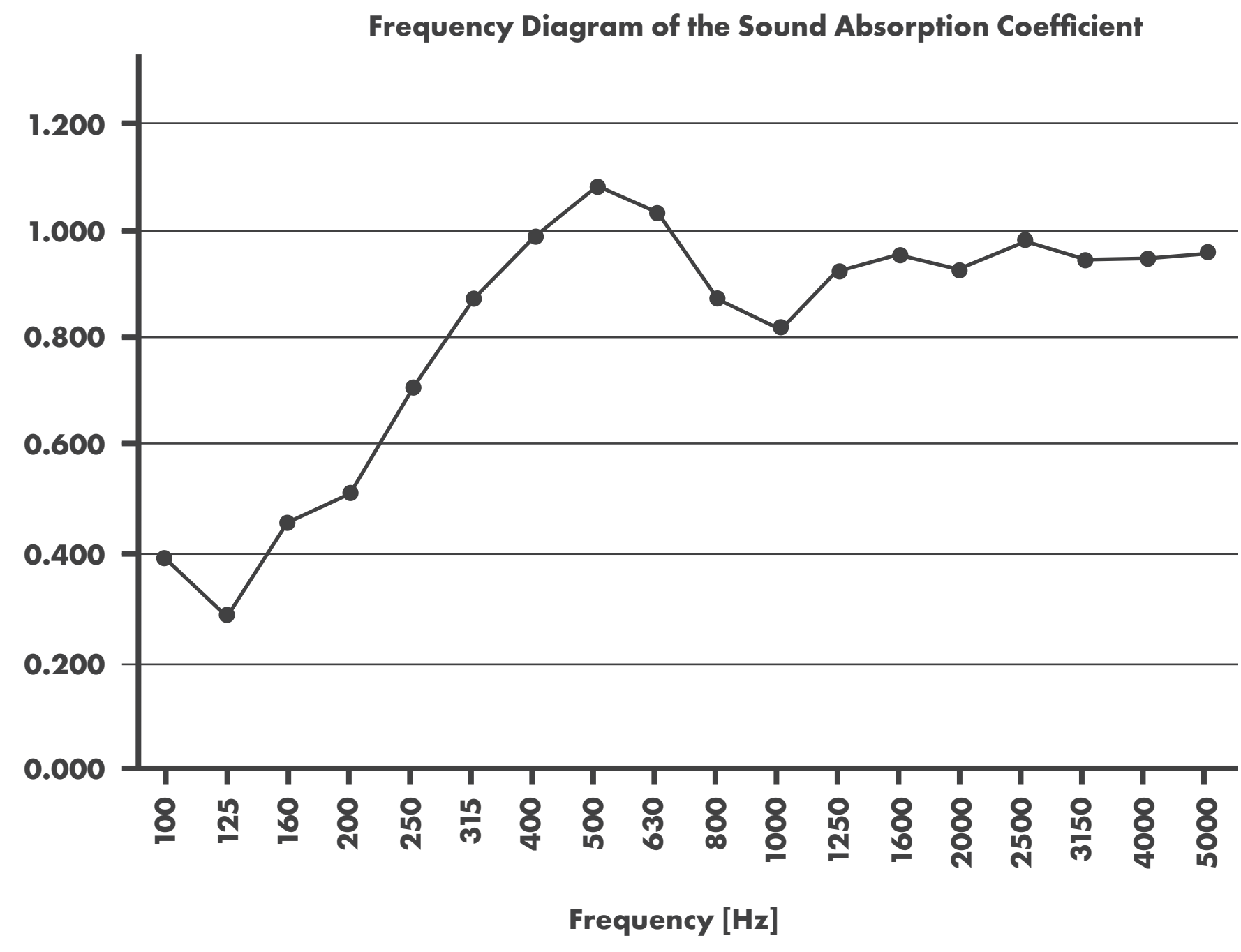
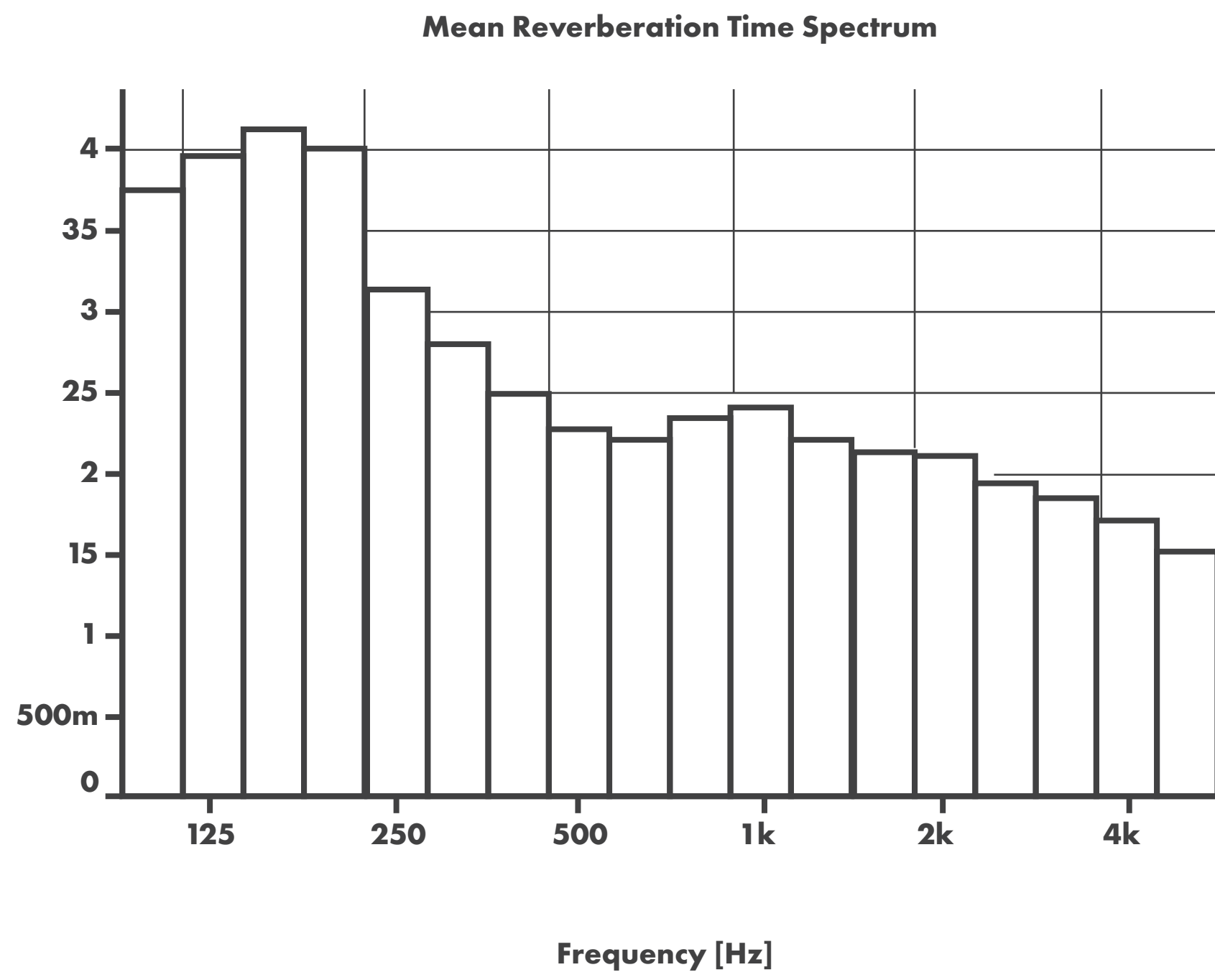
Sustainability	<small>Recycled product: the rate of pre-consumer recycled content in Phonic fibreglass ceiling tiles is 80%. The recycled content includes 30% industrial waste and 70% civilian used waste, all procured from reclamation depots.</small>
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VOC	<small>*Tested to ASTM D5116-06 standard test method.</small>
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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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Full Field Reverb Time



Sound Absorption Coefficient Results

Frequency [Hz]	100	125	160	200	250	315	400	500	630
Sound Absorption Coefficient A4	0.389	0.284	0.454	0.506	0.703	0.871	0.984	1.080	1.035
Frequency [Hz]	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound Absorption Coefficient A	0.875	0.816	0.927	0.953	0.928	0.981	0.947	0.952	0.699
Noise Reduction Coefficient [NRC]					0.90				



Product Summary

- High Noise Reduction Coefficient (NRC) efficiently reduces Reverberation time.
- Mid-range tile suitable for Classrooms, Libraries, Auditoriums and Halls, Conference Rooms, Study Rooms, Cafeterias, Open-Plan spaces, Wellness Spaces, Music Rooms or Performing Arts Spaces and Early Childhood Education Centers.
- Tested to the principal requirements in accordance with ISO 14644.1:2015 and ISO 14644.3:2015, and the tile meets Cleanroom ISO Class 3.
- Constructed from 90% dry felt resin-bonded glass wool, utilising longer fibres in a more compact fibre arrangement. This non-absorbent, non-water-soluble design gives these tiles improved durability when compared to mineral fibre.
- The high-density glass wool tile achieves a density of 100kg/m³. This results in a lightweight, high-performance ceiling tile that is user-friendly and ideal for use in large spaces. It won't sag or pillow.
- The High-Performance Acoustic Ceiling Tile meets Fire Test Group-1S safety standards, offering exceptional fire resistance. This ensures safety and compliance with building codes. Its fireproof properties enhance both durability and peace of mind in high-traffic spaces.