



Acoustic Plus

THERMO ACOUSTIC CEILING PANELS

Thermally efficient, Sound absorbing

Square edge (SQ)



Product item	Edge	Code
1195 x 595 x 50mm	SQ	AP3175
1195 x 1195 x 50mm	SQ	AP3180

Description

Acoustic Plus Thermo Acoustic is a 50mm thick suspended ceiling tile designed for applications that require a high level of sound absorption across the frequency spectrum with the added benefit of best in class thermal efficiency at R2.1. The selection of Thermo Acoustic can eliminate the cost of additional thermal bats, blankets or overlays above the ceiling, reducing installation time and helping to save energy costs. Thermo Acoustic are also available in a 1195mm x 1195mm module to minimize visible grid lines and create a monolithic aesthetic.

Ideal uses

- Any area requiring thermal efficiency
- Open plan offices and call centres
- School halls and classrooms
- As replacements for the old AHI Monolite tile

How to specify

EcoPlus Systems products are available for specification on Masterpsec and Smartspec. Specification documents can also be downloaded from www.ecoplus-systems.com or call 0800 432 675

Composition

Thermo Acoustic Ceiling Tiles are manufactured from an 80kg /m³, 50mm thick, glass fibre acoustic absorber finished with a composite glass mat acoustic facer.

Sound Absorption - ASTM C423 ISO 354

NRC	frequ	500	1000	2000	4000
Practical sound absorption coefficients					
		.95	.95	.95	.95

Fire Class

NZBC Group 1S

Thermal Resistance

R 2.1 m² K/W

Weight

4 Kg's per m²

Installation

The building must be water tight and dry before installation commences. M/E fittings should be independently supported.

Maintenance and accessibility

Acoustic Plus ceiling tiles can be cleaned with a soft nozzle vacuum, soft brush or damp cloth. Panels are demountable.

Features	Benefits
Very high sound absorption - NRC 0.95 αw 0.95	Reduced background noise and reverberation
Thermal efficiency R2.1 m ² K/W	Efficient use of energy / Reduced heating cost
Available in a 1195mm x 1195mm module	Monolithic aesthetic, less visible grid
Certified non toxic and low VOC	Sustainable, helps achieve points toward Green Star fit-outs
Hygienic surface finish	Cleanable, resistant to mould and bacteria
Enclosed edges	Prevents damage and maintains stability
The acoustic performance of this product has been tested and measured by Auckland University Acoustic Services	