



Acoustic Plus

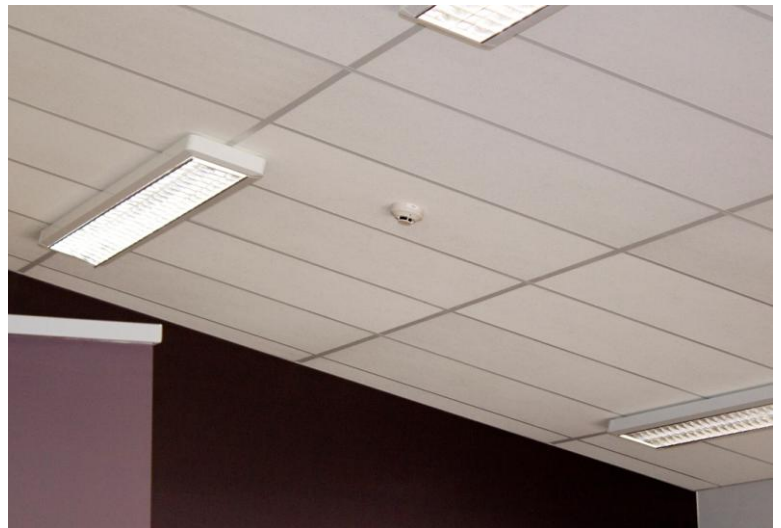
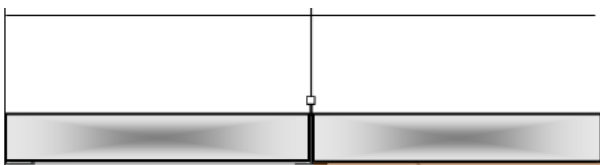
THERMO ACOUSTIC CEILING PANELS

Thermally efficient, Sound absorbing

Surface finish selection



System application



Description

Acoustic Plus Thermo Acoustic is a 50mm thick suspended ceiling panel 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 is available in a selection of easy to clean, hygienic surface finishes providing an innovative acoustic solution by Ecoplus Systems.

Ideal uses

- Any area requiring thermal efficiency
- Open plan offices and call centres
- School halls and classrooms

How to Specify

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

Product code

Item: AP2160 | Size: 1195 x 595x 50mm | Finish: Spray
 Item: AP4160 | Size: 1195 x 595x 50mm | Finish: Tissue
 Item: AP3175 | Size: 1195 x 595x 50mm | Finish: Mixed

Composition

Thermo Acoustic Ceiling Panels are manufactured from an 80kg /m³, 50mm thick, glass fibre acoustic absorber finished with a composite glass mat acoustic facer. Available in either a Spray, Tissue or Mixed surface finish.

Sound Absorption - ASTM C423 ISO 354

NRC 0.95 αw 0.95	frequency (Hz)	500	1000	2000	4000
Practical sound absorption coefficients		.95	.95	.95	.95

Thermal Resistance

R 2.1 m² K/W

Fire Classification

NZBC Group 1S

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 panels 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
Choice of surface finishes including black	Improved design freedom
Meets Green Star emissions certification	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