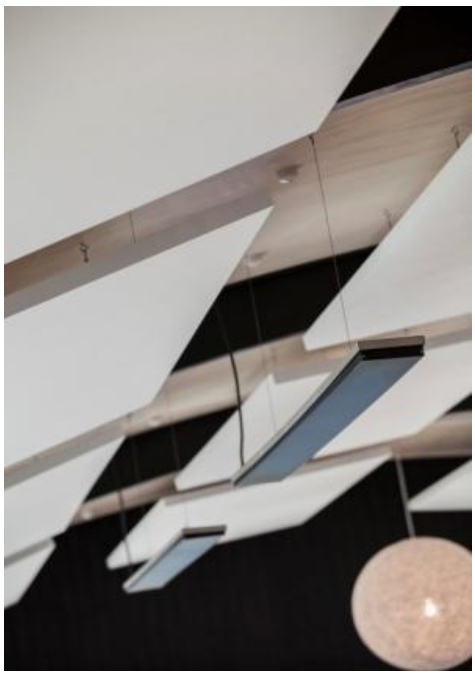
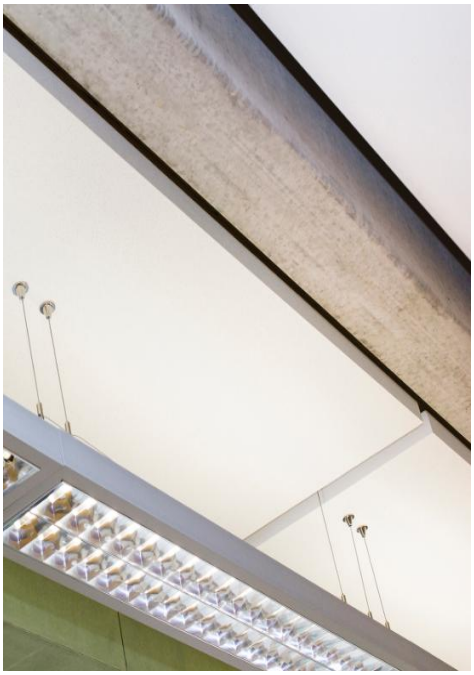
Acoustic Plus

SOUND ABSORBING CLOUD PANELS

Innovative acoustic solutions





Description

Acoustic Plus: Sound Absorbing Cloud Panel is a 50mm thick acoustical panel providing specialized sound absorption. Available in a variety of standard shapes and sizes, Cloud Panel can also be custom manufactured to specific sizes and thicknesses and wrapped in fabric for decorative effect. These highly effective acoustic panels provide Class A sound absorption, are lightweight, cost efficient and easy to install making them the industry's most practical solution for noise control.

Ideal uses

- Cafes, Bars, Restaurants
- Library reading zones
- Boardrooms, Breakout areas
- Offices and call centres
- Gymnasiums

Acoustic Performance

The acoustic performance of this product material has been tested and measured by Auckland University Acoustic Services. 50mm thick panels provide NRC .95. Increasing the panel thickness to 75mm will provide NRC 1.05 (Approx)

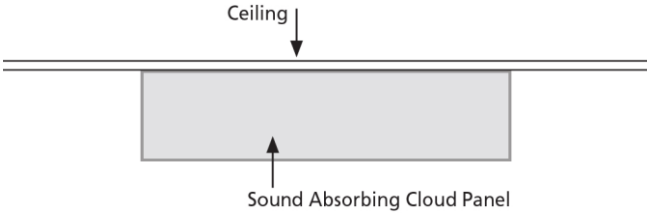
Sound Absorption - ASTM C423 ISO 354

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

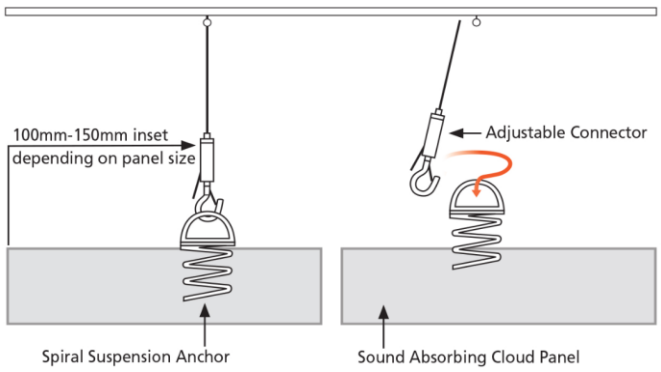
Installation options

Cloud Panels are designed to be free floating by suspending the panels using the supplied installation kits. Each kit consists of a wind in toggle, Chrome plated anchor and adjustable cable. Alternatively the Cloud Panels can be glue fixed directly to the ceiling. Panels and shapes can be arranged in clusters to create feature ceilings or to target areas with particularly high levels of noise reverberation. All options provide a clean, frameless appearance.

Direct fixed



Suspended / Free floating



Ecoplus Systems, PO Box 105577, Auckland City, Auckland 1143 Phone +64 9 373 1859 www.ecoplus-systems.com

Shapes and Sizes

Product code	Dimension	Shape
APCP1212	1200 x 1200 x 50mm	Square
APCP1260	1200 x 600 x 50mm	Rectangle
APCP1860	1800 x 600 x 50mm	Rectangle
APCP2460	2400 x 600 x 50mm	Rectangle
APCP2412	2400 x 1200 x 50mm	Rectangle
APCPRND600	600 Dia x 50mm	Round
APCPRND900	900 Dia x 50mm	Round
APCPRND1200	1200 Dia x 50mm	Round
APCPTRI1200	1200 x 1200mm 50mm	Triangle
AC5100	Installation kit	

Colours and Fabric options

Sound Absorbing Cloud Panels are supplied in white and Black as standard. Cloud Panels can also be wrapped in selected fabrics for decorative effect.

Ecoplus Systems work alongside leading fabric manufacturers to provide an almost endless range of colours and patterns. The following are a selection of available fabric brands;

- Autex
- Laine
- Textilia
- Vivid
- Warwick

Please contact us for more information about fabric suitability and the options available.

System Integration

Sound Absorbing Cloud Panels are part of the Acoustic Plus™ range of ceiling products. Integrate Cloud Panels with Baffle Beams, Dual Bloc or Sound Absorber ceiling tiles for a total project acoustic solution. All with a matching surface finish.

Specification - Available on Masterspec

Ecoplus Systems are a Masterspec product partner. Specification can also be downloaded from www.ecoplus-systems.com or by calling 0800 432 675

Composition

Acoustic Plus Cloud Panels are manufactured from a 100kg /m3, 50mm thick, glass fibre acoustic absorber finished with a composite glass mat acoustic facer.

Fire Classification

NZBC Group 1S BRANZ

Weight

5 Kg's 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 Cloud 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
Multiple shapes and colour options	Enhanced 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
Hardened edges	Prevents damage, maintains stability. No frames required
Easy installation - Fixing kits available	Can be retro fitted to existing spaces
The acoustic performance of this product material has been tested and measured by Auckland University Acoustic Services	