PPA

PORTABLE PARTITIONS
— AUSTRALIA —

PPA PEEL AND STICK ACOUSTIC PANELS

Product overview

Our sound-absorbing panels can be placed on walls and ceilings to improve the acoustics of a room by reducing noise, reverberation and echoes.

Commonly used in offices, classrooms, hospitality venues and health facilities, our eco-friendly acoustic panels reduce the use of the non-environmentally friendly materials used by traditional panels while maximising their sound reduction properties
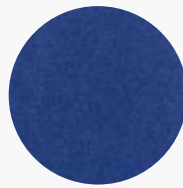
Colour options

Sesame Black   **Light Grey**   **Blue**

Installation

Installation instructions are included in each pack and available on the website. When the product is being installed near fire protection systems (e.g. sprinklers or fire alarms) please consult the project engineer and adhere to the relevant building codes and standards.

Acoustic performance

Our polyester fibre acoustics panels are specifically designed to reduce and control noise, reverberation and echo in indoor spaces.

Absorption coefficient

Sound absorption coefficients as according to ISO 11654. The NRC rating is determined as the arithmetic average of the absorption coefficients measured by one-third octave bands centred on 250 Hz, 500 Hz, 1000 Hz and 2000 Hz. and rounded to the nearest 0.05.

Absorption coefficient

Frequency (HZ)	125	250	500	1000	2000	4000	NCR
Absorption coefficient, αs	0.07	0.45	0.81	1.01	0.82	0.95	0.75

Third octave sound absorption coefficients (according to ISO 354 measurement of sound absorption in a reverberation room.)

Absorption

Frequency (Hz)

Acoustic Panels Specifications

Description	SKU/Item Code	Thickness	Length	Width	Weight (GSM)	Sqm	Unit Price	Price/Sqm (AUD)
PPA Peel & Stick Acoustic Panel Large 12mm	AWP12122180	12	1.22	2.44	1700	2.98	290	97
PPA Peel & Stick Acoustic Panel Large 25mm - Wall & Ceiling Application	AWP251224	25	1.22	2.44	2800	2.98	290	97
PPA Peel & Stick Acoustic Panel Large 50mm - Wall & Ceiling Application	AWP501224	50	1.22	2.44	1700	2.98	290	97

FIRE RATINGS

- ASTM-E84 UL 723
- Flame Spread Index: 15
- Smoke-developed Index:40
- ISO 9705 tested and accredited

Meet the requirement of Class A interior Wall & Ceiling Finish Category

Test Results

FSI	SDI
15	40

Rating

The national fire protection association life safety code 101, chapter 10, Section10.2.3" interior wall and sealing finish classification",has means of classifying materials with respect to flame spread and smoke developed when tested in accordance with ASTM E84 or UL 723 " Method of tested of surface Burning Characteristics of building materials "

International building code ,chapter 8, interior Finishes , section 803 "wall and ceiling finishes" , was classified in accordance with ASTM 84 or UL 723.Such interior finish materilas shall be grupped in the following classes with their flame spread and smoke-developed indexes.

The classifications are as follows

	CLASS A	CLASS B	CLASS C
FLAME SPREAD INDEX	0-25	26-75	76-200
SMOKE-DEVELOPMENT INDEX	0-450	0-450	0-450

Since the tested sample received a flame spread index 15 and smoke-development index 40, it would meet the requirements of class A interior Wall & Ceiling Finish Category

VOC emissions

An acoustics polyester test was performed according to Decree 2011-321 relative to the labelling of construction products, floor or wall coverings and paints and lacquers concerning their emission of volatile pollutants, sample is A+ class.

Test Report

No. CANMLC2208406001 Date: 19 May 2022

Test item (s)	CAS NO.	Unit	MDL	0.01
Toluene	108-88-3	ug/m3	-	3.4
Tetrachoroethylene	127-18-4	ug/m3	-	ND
Xylene	108-38-3&106-42-3&95-47-6	ug/m3	-	2.0
1,2,3-Trimethylbenzene	95-63-6	ug/m3	-	ND
1,4-Dichlorobenzene	106-46-7	ug/m3	-	ND
Ethylbenzene	100-41-4	ug/m3	-	ND
2-Butoxyethanol	111-76-2	ug/m3	-	ND
Styrene	100-42-5	ug/m3	-	ND
TVOC		ug/m3	-	7.9

VOC emissions

Test Report

No. CANMLC2208406001 Date: 19 May 2022

Test item (s)	CAS NO.	Unit	MDL	0.01 7th day
Formaldehyde	50-00-0	ug/m3	-	ND
Acetaldehyde	75-07-0	ug/m3	-	ND

Notes:

ug/m3 = micrograms per cubic metre
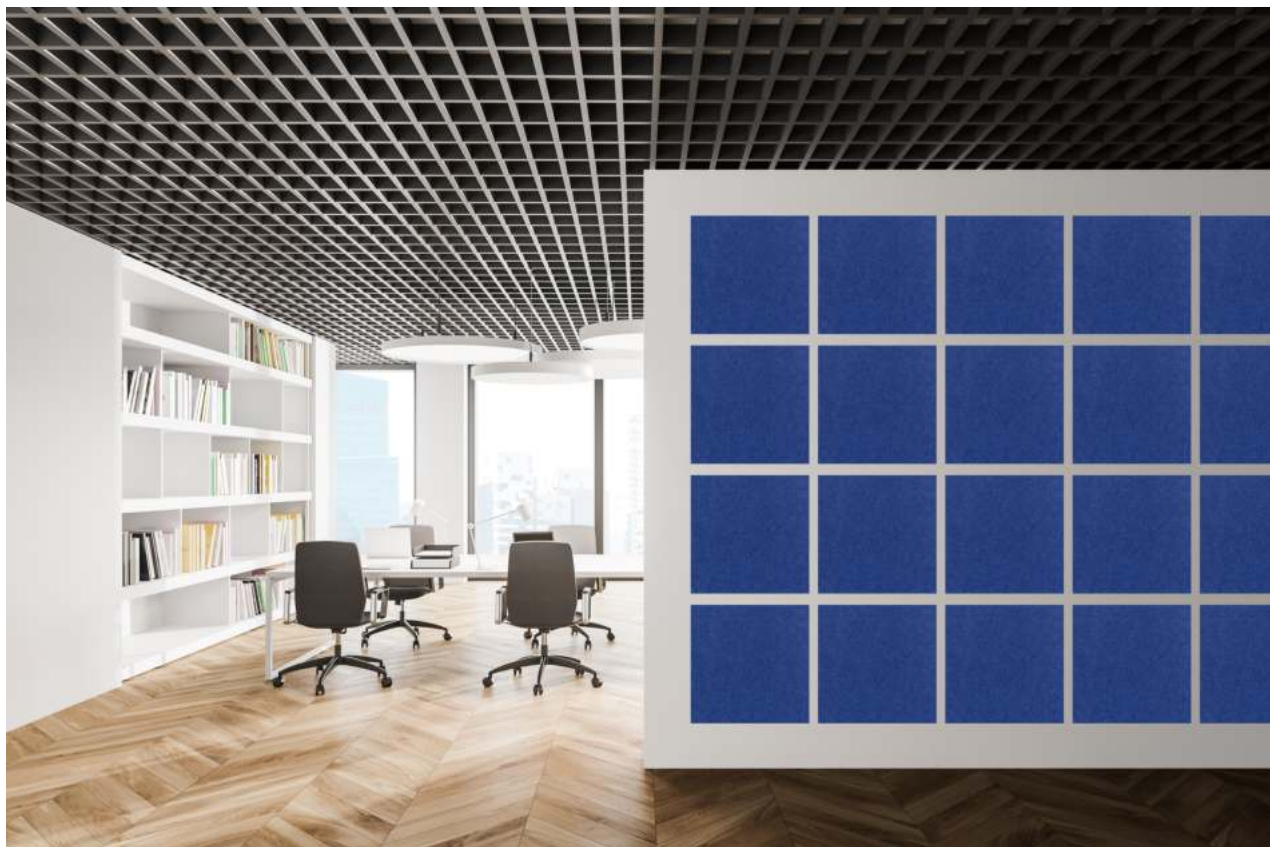
Pattern repeat

Non-woven. No pattern repeat, but the product has directional grain. Product may vary from sample and batch to batch due to fibre blending and lay-up, which is an inherent feature of this product.

Material care

Wipe with a damp cloth. Avoid rubbing and excessive amounts of water as this will affect the finish.

Environmental

Committed to best practices through our ISO14001-certified

Environmental Management Systems. The acoustic panels contain a minimum of 60% recycled polyester fibre (from PET bottle-flake). Off-cuts and manufacturing waste are re-used or recycled wherever possible.

Applications

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