acoufelt

Solid

Wall Panels

Premier Collection

Transform bustling meeting areas into oases of tranquility. Elevate performance spaces to new heights of clarity and precision. With our acoustic wall panels, silence becomes an art form, and every space becomes a sanctuary of sound.

Our panels provide customizable solutions to suit every acoustic challenge. Hang a select few to target trouble spots or blanket your walls for comprehensive sound control – the choice is yours.

Specifications

Surface	Wall
Material	Filasorb™ polyester felt
Weight	12mm, 2400gsm - Solid colour panel 24mm, 4800gsm - Solid colour panel 25mm, 3900gsm - Face colur only
Standard Sizes	1200 x 2440mm or 1220 x 2800mm

Solid Wall Panel in Quartz

Technical

NRC Rating	12mm: 0.45* 24mm: 0.60* 25mm: 0.75*
Fire Test	AS ISO 9705:2033 (according to AS 5637.7:2015 requirements) Group 1 0.93
Colorfastness	ISO 105-B02, 6-7

** Test results available upon request.*

Details

Lead Time	Refer to Product Lead Time Matrix
Origin	Australia
Warranty	Product: 20 years* Colorfastness: 20 years*

** Conditions apply*

Environmental

Recycled Content	Minimum 60%
Energy	Generated using 40% solar energy
Indoor Air Quality	VOC less than/equal to 0.5mg/m3
Recyclable	100%*
Certifications	Environmental Product Declaration Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold

** PET is recyclable through participating partners.*

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Colorways

White
WH12

Milkyway
MI74

Ivory
IV11

Pearl
PE21

Valentine
VA70

Quartz
QU67

Stonewash
ST72

Sea Salt
SE57

Platinum
PL04

Almond
AL55

Pistachio
PI25

Turmeric
TU60

Flamingo
FL61

Amethyst
AM69

Periwinkle
PE23

Peacock
PE20

Metal
ME03

Mushroom
MU75

Celery
CE65

Wheat
WH68

Peach
PE19

Lilac
LI13

Marine
MA15

Sencha
SE58

Grey
GR02

Umber
UM54

Wasabi
WA29

Popcorn
PO26

Currant
CU59

Berry
BE06

Azure
AZ05

Oregano
OR18

Charcoal
CH01

Walnut
WA56

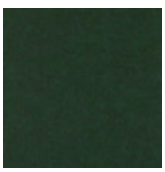
Eucalyptus
EU71

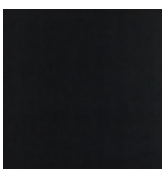
Carrot
CA08

Loganberry
LO77

Granite
GR62

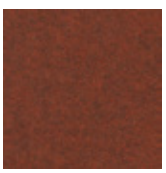
Denim
DE09

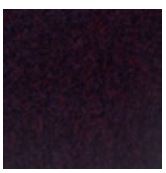

Kale
KA12

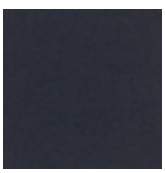

Piano Black
PI24

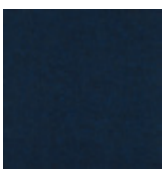
Slate
SL27

Nori
NO76


Peppercorn
PE22


Shiraz
SH63


Flint
FL64


Midnight
MI16

For questions or additional product information,
visit **acoufelt.com.au** or call1800 626 426

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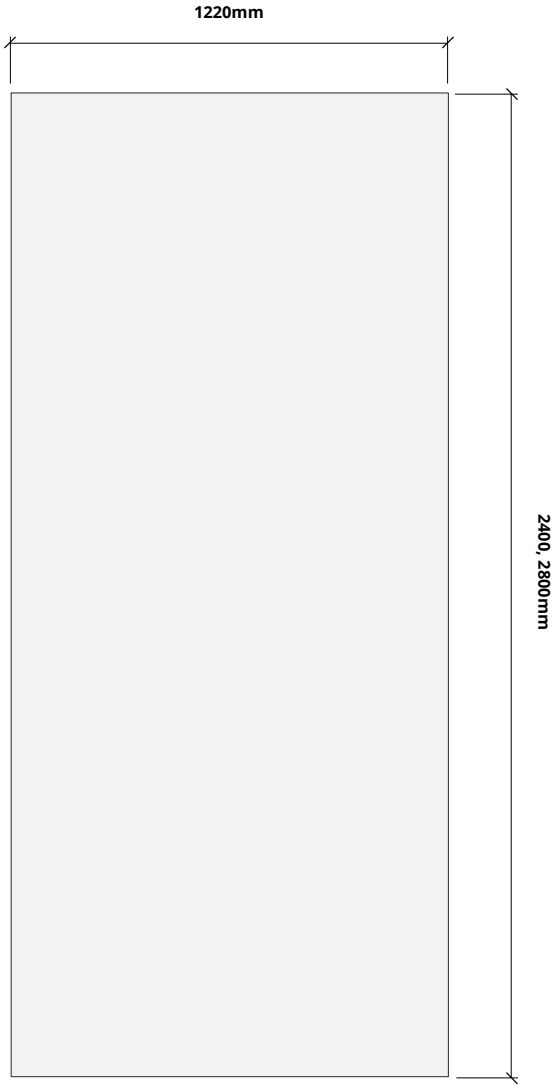
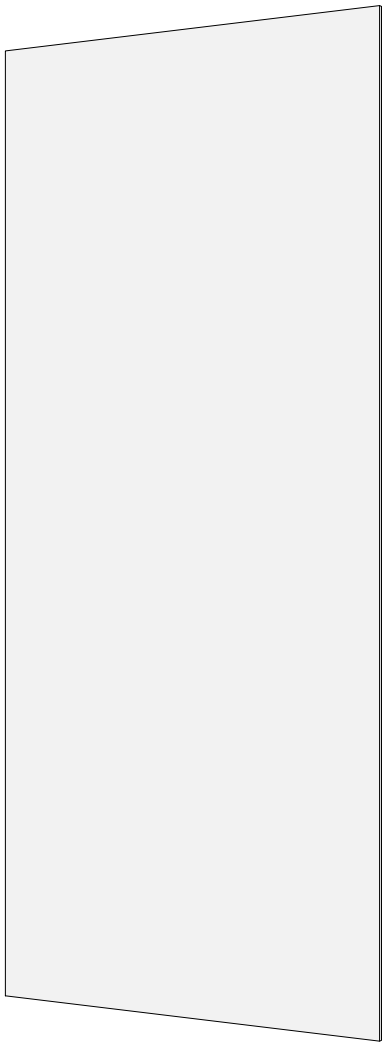
Sizes

Standard Sizes 1220 x 2440mm
1220 x 2800mm

Plan



Perspective



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How to Specify

1. Choose Panel Weight | **2. Choose Panel Size** | **3. Choose Colorway**

Determine preferred weight based on acoustical needs

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1. Choose Panel Weight | **2. Choose Panel Size** | **3. Choose Colorway**

Determine preferred width and height.

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1. Choose Panel Weight | **2. Choose Panel Size** | **3. Choose Colorway**

Select a color for the backer panel and one or multiple colors for block or seams. See colorways on pages 3 and 4.

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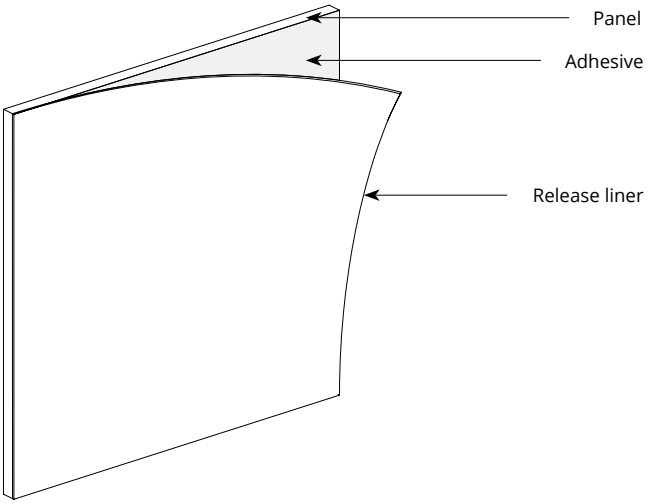
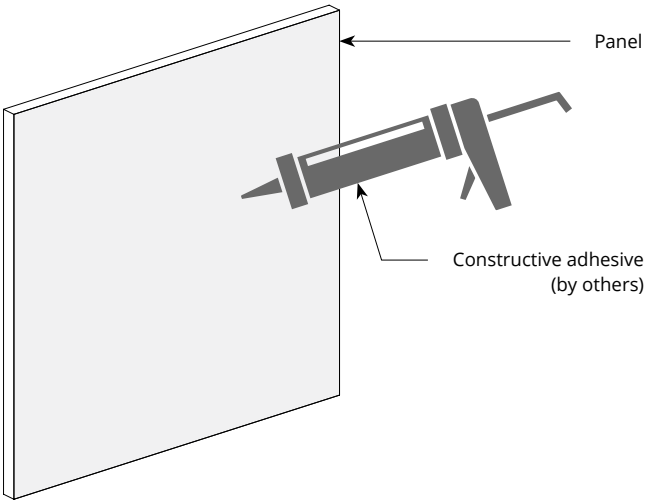
Mounting Methods

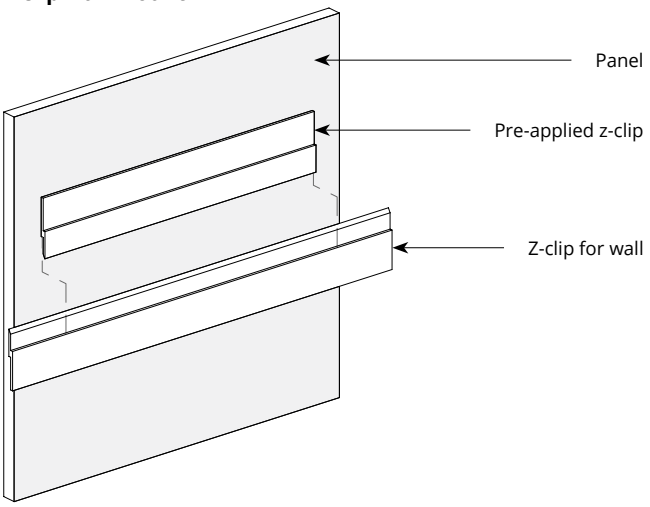
Adhesive backing



Construction adhesive



Z-clip wall mount



**For wall mount applications only.*

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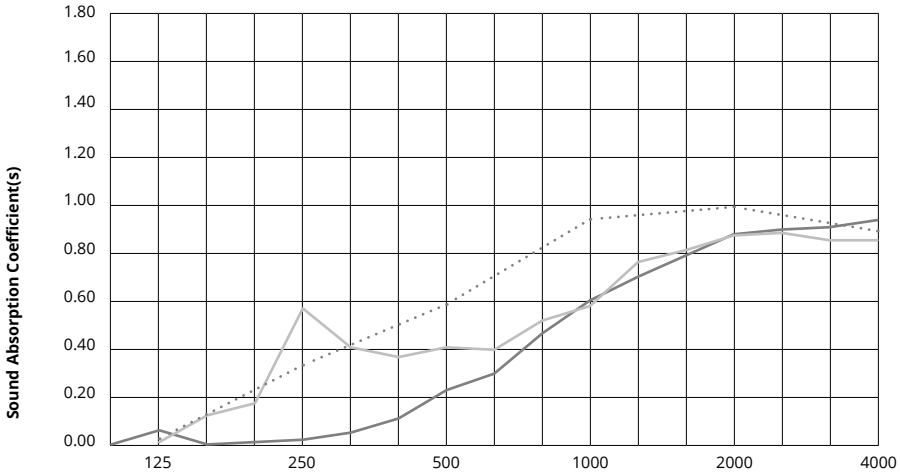
Acoustic Performance

Test Method	**24, 25mm** ASTM E795-16 **12mm** ASTM C423-09a
Install Method	A
Rating Method	ISO 11654-2002
Test Results	12mm: 0.45, no air gap 24mm: 0.60, no air gap 25mm: 0.75, no air gap



	Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
	12mm	0.06	0.02	0.23	0.61	0.89	0.95	0.45
	24mm	0.02	0.57	0.41	0.58	0.87	0.85	0.60
	25mm	0.08	0.27	0.64	1.00	0.97	0.96	0.70

What is a Noise Reduction Coefficient (NRC)?

You'll find the NRC rating in the specifications of all of our products. This acronym stands for Noise Reduction Coefficient, and is expressed as a single number, a rating that describes the degree to which acoustic products can absorb sound.

You can use NRC values to understand the overall performance of our acoustic wall and ceiling products. The higher the NRC, the better the product is at soaking up the sound.

Performance Indices: Noise Reduction Coefficient (NRC) results represent the absorption coefficients measured at the one third octave bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customization of installation of the product could alter the results. Sound Absorption Average (SAA) indicates the absorption coefficient average for the twelve one-third octave bands ranging between 200 and 2500 Hz.

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