

# Ecooustic® SC Panel

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An acoustic panel with a solid colour (SC) profile ideal for exposed edge applications



## Solid Colour 12mm



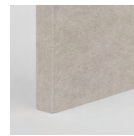
Snowdrop



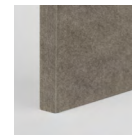
Ecrú



Almond



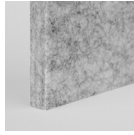
Horizon



Fawn



Truffle



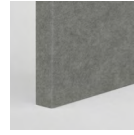
Oxide



Cool



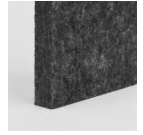
Atom



Cirrus



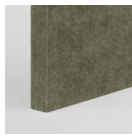
Tungsten



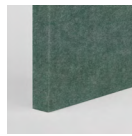
Galaxy



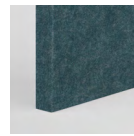
Leaf\*



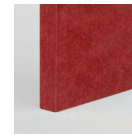
Olive



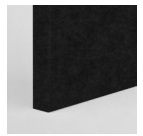
Isle



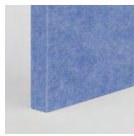
Azure



Venus\*



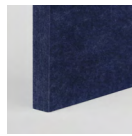
Cave



Bluebell\*



Denim



Iris\*

\* indent product

## Solid Colour 24mm



Pure



Stone



Ash



Graphite



Nero

Custom colours are available, minimums apply

Product may vary in colour due to the nature of the media  
Please refer to website for current colour range



<b>PRODUCT</b>	Ecoustic® Solid Colour Panel (SC)	
<b>COMPOSITION</b>	100% PET	
<b>THICKNESS</b>	12mm (+/-1mm approx.) 24mm (+/-2mm approx.)	
<b>WEIGHT</b>	12mm: 2400gsm	
<b>DIMENSIONS</b>	12mm: 1220 x 2800mm approx. 24mm: 1210 x 2720mm approx.	
<b>LIGHTFASTNESS</b> ISO 105-B02	>7	
<b>FIRE RATINGS</b>	12mm	24mm
AS/NZS 1530.3		
Ignitability	8	8
Spread of Flame	0	0
Heat Evolved	1	1
Smoke Developed	5	5
AS/ISO 9705	BCA Group 1, SMOGRA <100 NZBC Group 1-S	
ASTM E84	12mm: Class A	
<b>ACOUSTIC</b>	Refer to results on following page	
<b>APPLICATION</b>	Workstation, partition, wall panel, ceiling	
<b>PLEASE NOTE</b>	Onsite trimming to square each panel is essential. Variation in thickness, fibre mix, colour as well as flecks + surface blemishes are an inherent + unavoidable feature. Variations from panel to panel can occur, panel joins may be obvious upon installation creating a panelling effect. Installation may require onsite adjustment by the contractor to achieve a professional finish + minimal variation Results from performance tests are guidelines only Interior products must be protected from direct heat + sunlight	
<b>WARRANTY</b>	5 year conditional warranty against manufacturing defects. This applies to internal installation only, outdoor use will void any warranty	

## BENEFITS

**Lightweight, Easy to Handle + Install:** Compared to traditional panels, Ecoustic® SC is lower in weight, easier to handle and results in reduced transportation costs. Ecoustic® SC can be trimmed and installed without the need for additional finishes, which reduces labour and material costs. Installation + Care Guidelines are available on our website

**Edging Profile:** 14.5mm + 25mm natural anodised aluminium edging length + T Trims in natural anodised or black powdercoat at 2750mm (+/- 5mm) are available

## Designed for the Environment



**Building Rating Systems:** SC panels will contribute the following points for Green Star, LEED + WELL building standards.

Criteria	Green Star	LEED	WELL
Low VOC	√	√	√
Stewardship - Recycling	√	√	NA
EPD	√	√	NA
Cradle to Cradle Bronze Certification	-	√	√
Declare Label	NA	√	√
Manufacturer EMS	√	NA	NA
Toxic Material Reduction	NA	NA	√

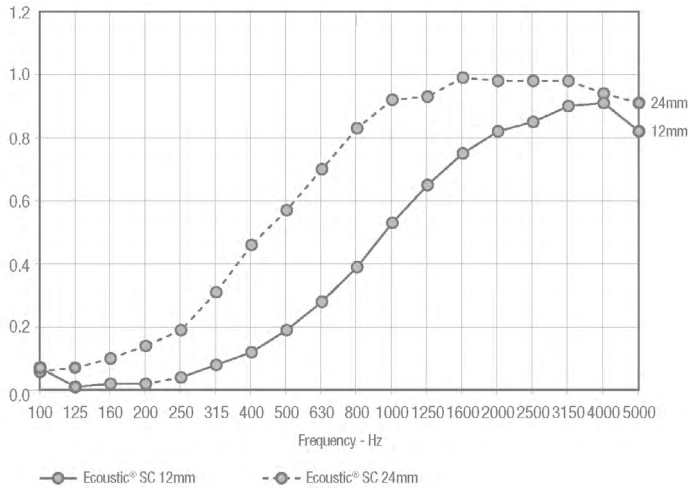
## HOW TO SPECIFY

<b>PRODUCT</b>	Ecoustic® Solid Colour SC Panel
<b>THICKNESS</b>	12mm or 24mm
<b>COLOUR</b>	Select from applicable SC colours for nominated thickness

The sound absorption has been tested in accordance with AS/ISO 354

12mm NRC 0.4 /  $\alpha_w$  0.25 (Direct Fix)  
 24mm NRC 0.65 /  $\alpha_w$  0.45 (Direct Fix)

For complete test reports please contact your local distributor



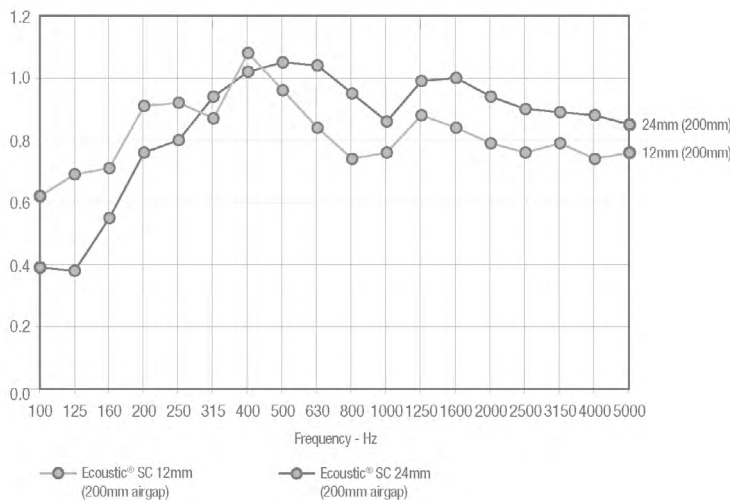
Frequency	$\alpha_s$ 12mm	$\alpha_s$ 24mm
100	0.07	0.06
125	0.01	0.07
160	0.02	0.10
200	0.02	0.14
250	0.04	0.19
315	0.08	0.31
400	0.12	0.46
500	0.19	0.57
630	0.28	0.70
800	0.39	0.83
1000	0.53	0.92
1250	0.65	0.93
1600	0.75	0.99
2000	0.82	0.98
2500	0.85	0.98
3150	0.90	0.98
4000	0.91	0.94
5000	0.82	0.91
NRC	0.4	0.65

Ecoustic SC 24mm is ideal for medium to high frequency absorption.

The sound absorption has been tested in accordance with AS/ISO 354

12mm NRC 0.85 /  $\alpha_w$  0.8 (200mm air gap)  
 24mm NRC 0.95 /  $\alpha_w$  0.95 (200mm air gap)

For complete test reports please contact your local distributor



Frequency	$\alpha_s$ 12mm	$\alpha_s$ 24mm
100	0.62	0.39
125	0.69	0.38
160	0.71	0.55
200	0.91	0.76
250	0.92	0.80
315	0.87	0.94
400	1.08	1.02
500	0.96	1.05
630	0.84	1.04
800	0.74	0.95
1000	0.76	0.86
1250	0.88	0.99
1600	0.84	1.00
2000	0.79	0.94
2500	0.76	0.90
3150	0.79	0.89
4000	0.74	0.88
5000	0.76	0.85
NRC	0.85	0.95