

Ecoustic® SC Panel

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



Colours

Solid Colour 9mm



Milk



Dune



Marble



Dapple



Zinc



Alloy



Equinox

Solid Colour 12mm



Snowdrop



Almond



Oxide



Cool



Tungsten



Galaxy

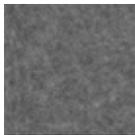
Solid Colour 24mm



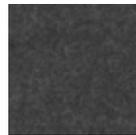
Pure



Stone



Ash



Graphite



Nero

Custom colours are available, minimums apply

Ecoustic® Solid Colour Panel



PRODUCT	Ecoustic® Solid Colour Panel (SC)		
COMPOSITION	100% PET		
THICKNESS	9mm, 12mm + 24mm approx. +/- 1mm		
WEIGHT (+/- 10%)	9mm: 1900gsm 12mm: 2400gsm		
DIMENSIONS (+/- 5mm, 10mm)	9mm: 1220 x 2440mm approx. 12mm: 1220 x 2800mm approx. 24mm: 1210 x 2720mm approx.		
LIGHTFASTNESS ISO 105-B02	>7		
FIRE RATINGS	9mm	12mm	24mm
AS/NZS 1530.3	9	8	8
Ignitability	9	8	8
Spread of Flame	0	0	0
Heat Evolved	3	1	1
Smoke Developed	6	5	5
AS/ISO 9705	BCA Group 1 SMOGR <100 NZBC Group 1-S		
ASTM E84	9mm: Class C 12mm: Class A		
ACOUSTIC AS/ISO 354	9mm: α_w 0.78 / NRC 0.85 (200mm) 12mm: α_w 0.8 / NRC 0.85 (200mm) 24mm: α_w 0.45 / NRC 0.65 (DF) 24mm: α_w 0.82 / NRC 0.9 (150mm) 24mm: α_w 0.95 / NRC 0.95 (200mm)		
APPLICATION	Workstation screen, partition, wall panel, ceiling		
PLEASE NOTE	Onsite trimming to square each individual panel is essential. Variation in thickness, fibre mix and colour as well as flecks and other slight surface blemishes are an inherent feature of this product and are unavoidable. Variation from batch to batch may occur.		

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: 9mm, 14.5mm + 25mm natural anodised aluminium edging length at 2750mm (+/- 5mm) with counter sunk holes is available.

Designed for the Environment

- Designed for disassembly + recyclable
- Ecoustic® SC panels are low-VOC + Oeko-Tex Certified

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

Criteria	Green Star	LEED	WELL
Low VOC	√	√	√
Recycling Program	√	√	NA
Third Party Certification	-	√	√
Toxic Material Reduction	NA	NA	√

HOW TO SPECIFY

PRODUCT	Ecoustic® Solid Colour Panel
THICKNESS	9mm, 12mm or 24mm
COLOUR	Select from applicable SC colours for nominated thickness

Acoustic Performance

Ecoustic® Solid Colour Panel Comparison

Ecoustic® SC 9mm + 12mm achieves an α_w 0.78 and NRC 0.85 rating and α_w 0.8 / NRC 0.85 rating respectively when the panel is installed with a 200mm airgap.

Ecoustic® SC 24mm is ideal for medium to high frequency absorption and achieves an α_w 0.45 / NRC 0.65 (Direct Fix), α_w 0.82 / NRC 0.9 (150mm airgap), α_w 0.95 / NRC 0.95 (200mm airgap).

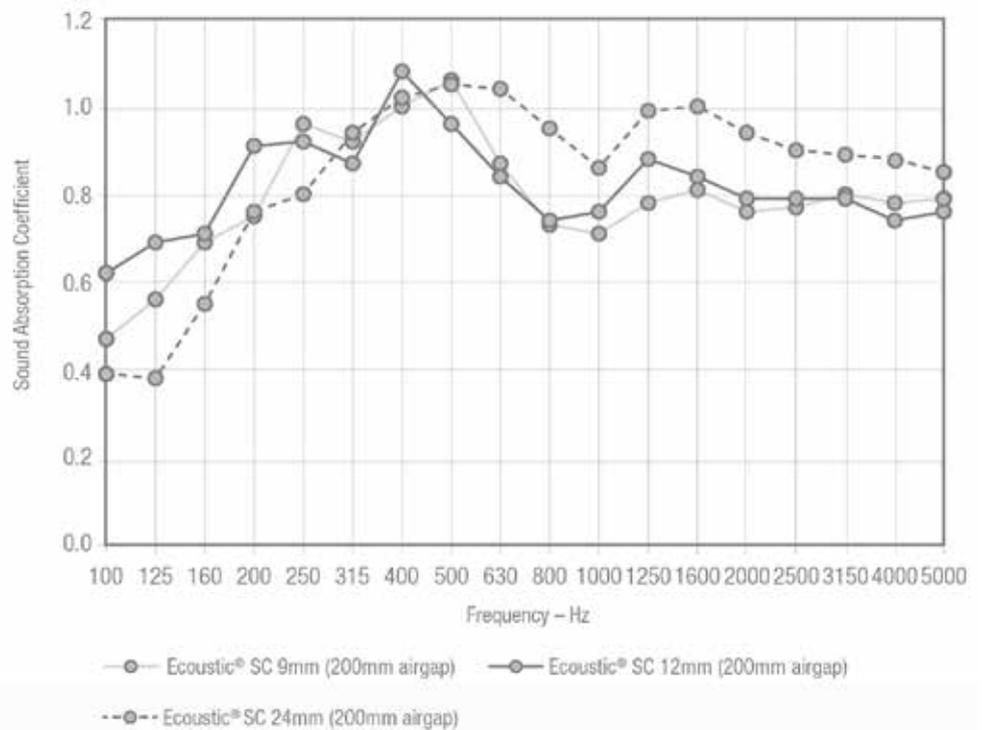
The sound absorption has been tested in accordance with AS/ISO 354. For complete test reports please contact your local distributor.

9mm: α_w 0.78 / NRC 0.85 (200mm)

12mm: α_w 0.8 / NRC 0.85 (200mm)

24mm: α_w 0.95 / NRC 0.95 (200mm)

Frequency	α_s 9mm	α_s 12mm	α_s 24mm
100	0.47	0.62	0.39
125	0.56	0.69	0.38
160	0.69	0.71	0.55
200	0.75	0.91	0.76
250	0.96	0.92	0.80
315	0.92	0.87	0.94
400	1.00	1.08	1.02
500	1.06	0.96	1.05
630	0.87	0.84	1.04
800	0.73	0.74	0.95
1000	0.71	0.76	0.86
1250	0.78	0.88	0.99
1600	0.81	0.84	1.00
2000	0.76	0.79	0.94
2500	0.77	0.76	0.90
3150	0.80	0.79	0.89
4000	0.78	0.74	0.88
5000	0.79	0.76	0.85
NRC	0.85	0.85	0.95



Acoustic Performance

Ecoustic® Solid Colour 24mm Panel

Ecoustic® SC 24mm is ideal for medium to high frequency absorption and achieves an α_w 0.45 / NRC 0.65 (Direct Fix), α_w 0.82 / NRC 0.9 (150mm airgap), α_w 0.95 / NRC 0.95 (200mm airgap). The sound absorption has been tested in accordance with AS/ISO 354. For complete test reports please contact your local distributor.

α_w 0.45 / NRC 0.65

α_w 0.82 / NRC 0.9 (150mm airgap)

α_w 0.95 / NRC 0.95 (200mm airgap)

Frequency	α_s 24mm	α_s 24mm
100	0.06	0.39
125	0.07	0.38
160	0.10	0.55
200	0.14	0.76
250	0.19	0.80
315	0.31	0.94
400	0.46	1.02
500	0.57	1.05
630	0.70	1.04
800	0.83	0.95
1000	0.92	0.86
1250	0.93	0.99
1600	0.99	1.00
2000	0.98	0.94
2500	0.98	0.90
3150	0.98	0.89
4000	0.94	0.88
5000	0.91	0.85
NRC	0.65	0.95

