

# Ecooustic® Screen

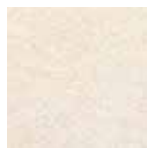
—  
A lightweight acoustic screen ideal for  
workstations and partitions



# Colours



White\*



Cream\*



Natural\*



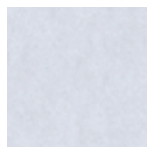
Oatmeal\*



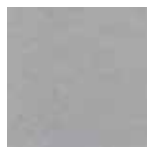
Quartz



Taupe



Opal\*



Dove\*



Oyster\*



Light Grey



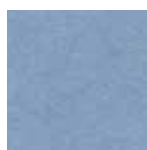
Pewter



Charcoal



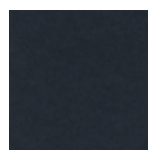
Spray\*



Sky\*



Baltic



Nautical



Cobalt



Indigo



Fresco\*



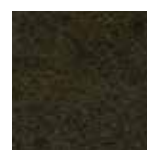
Lime



Green



Field



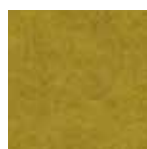
Caper



Aqua



Yellow



Lemon



Orange



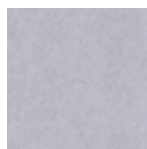
Paprika



Red



Berry



Cameo\*



Aubergine



Fossil



Jet

\*White, Natural, Sky, Cream, Cameo, Fresco, Oatmeal, Opal, Dove, Oyster + Spray are supplied with white core, other colours are supplied with black core

Product may vary in colour due to the nature of the media

Please refer to website for current colour range

# Ecoustic® Screen



COMPOSITION	100% PET (up to 65% recycled PET)	
THICKNESS	12mm (+/- 1mm)	
WEIGHT	2700gsm (+/- 10%)	
DIMENSIONS	2420 x 1210mm 1820 x 1210mm* (+/- 10mm, 5mm respectively) *minimums apply	
LIGHTFASTNESS ISO 105-B02	> 6	
LUMINOUS REFLECTANCE ASTM E1477	Please refer to test results for LRF for specific colours	
FIRE RATINGS AS/NZS 1530.3	Ignitability	7
	Spread of Flame	0
	Heat Evolved	3
	Smoke Developed	8
AS/ISO 9705	BCA Group 1 SMOGRA <100	
	NZBC Group 1-S	
ACOUSTIC AS/ISO 354 Refer to acoustic graph	Direct Fix	$\alpha_w$ 0.51 / NRC 0.5
	14mm Airgap	$\alpha_w$ 0.56 / NRC 0.6
	24mm Airgap	$\alpha_w$ 0.6 / NRC 0.65
	50mm Airgap	$\alpha_w$ 0.55 / NRC 0.7
	Ideal for high frequency absorption	
APPLICATION	screens, wall and ceiling panels	
ORIGIN	Made in Australia	
PLEASE NOTE	Ecoustic® Screen is suitable for framed workstation installations only. 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

**Improved Pinability:** Ecoustic® Screen features an improved pinability compared to similar panel products.

**Lightweight, Easy to Handle + Install:** Ecoustic® Screen is an intelligent alternative to traditional screens composed of multiple materials such as particle board, fabric, foam and adhesive. Compared to traditional screens, the semi rigid Ecoustic® Screen is lower in weight, easier to handle and results in reduced transportation costs. Ecoustic® Screen can be trimmed and installed without the need for additional finishes, which reduces labour and material costs.

**Optimum Dimensions:** Ecoustic® Screen is designed to optimally fit with workstations, which results in using less labour + materials.

## Designed for the Environment

- Based on low energy manufacturing
- 100% polyester (up to 65% PC + PI recycled content)
- Designed for disassembly + recyclable
- Low-VOC, EPD + Greentag Level A Certified

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

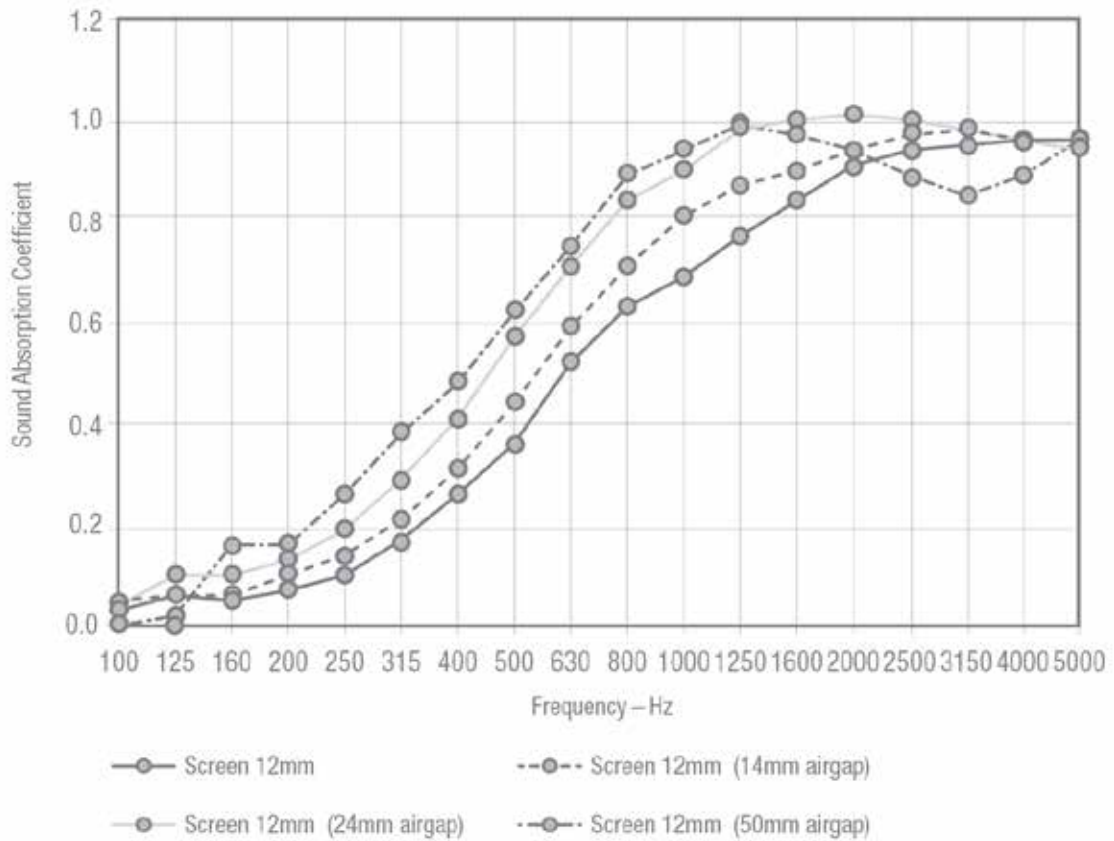
Criteria	Green Star	LEED	WELL
Recycled Content	√	√	NA
Low VOC	√	√	√
Recycling Program	√	√	NA
EPD	√	√	NA
Third Party Greentag Level A Certification	√	√	√
Toxic Material Reduction	NA	NA	√

## HOW TO SPECIFY

PRODUCT	Ecoustic® Screen 12mm
DIMENSIONS	2420mm or 1820mm length
COLOUR	Select from Ecoustic® Felt colours

# Acoustic Performance

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



Frequency Band	Direct Fix	14mm Airgap	24mm Airgap	50mm Airgap
100	0.03	0.05	0.04	0.00
125	0.06	0.06	0.10	0.02
160	0.05	0.06	0.10	0.16
200	0.07	0.10	0.13	0.16
250	0.10	0.14	0.13	0.16
315	0.17	0.21	0.29	0.38
400	0.26	0.31	0.41	0.48
500	0.36	0.44	0.57	0.62
630	0.52	0.59	0.71	0.75
800	0.63	0.71	0.84	0.89
1000	0.69	0.81	0.90	0.94
1250	0.77	0.87	0.98	0.99
1600	0.84	0.9	1.0	0.97
2000	0.91	0.94	1.01	0.94
3150	0.95	0.98	0.98	0.85
4000	0.96	0.96	0.96	0.89
5000	0.96	0.96	0.94	0.96
NRC	0.5	0.6	0.65	0.7