Ecoustic® Screen

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A lightweight acoustic screen ideal for workstations and partitions

INSTYLE

Colours

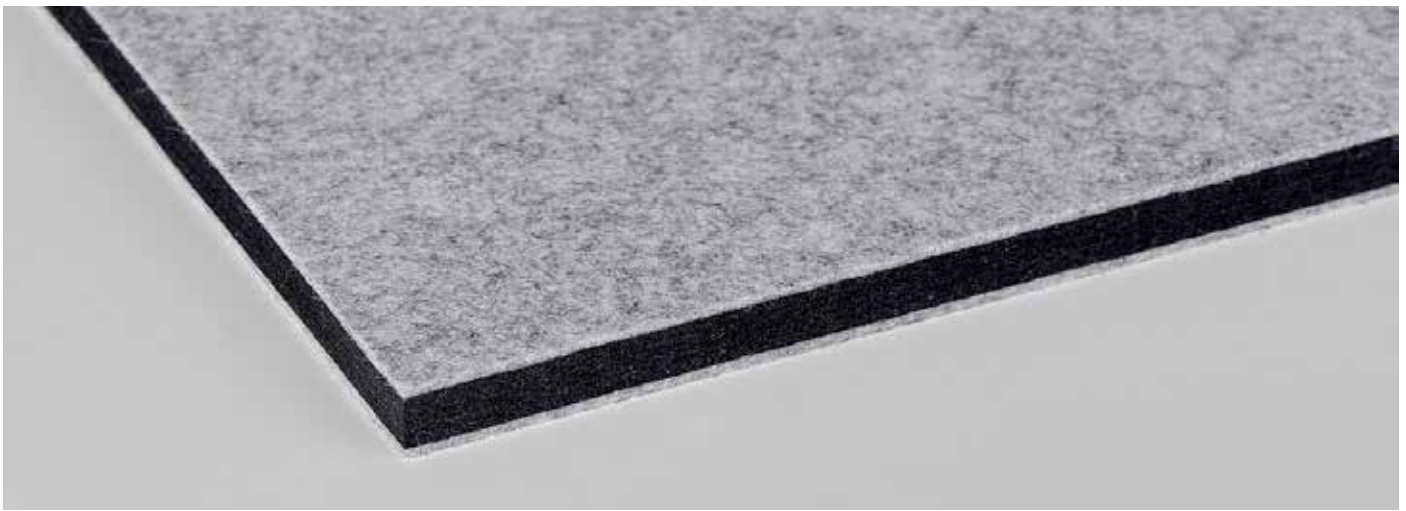|					
White*	Cream*	Natural*	Oatmeal*	Quartz	Taupe
Opal*	Dove*	Oyster*	Lunar*	Light Grey	Pewter
Spray*	Sky*	Arctic	Baltic	Cobalt	Nautical
Green	Field	Caper	Aqua	Hunter	Indigo
Fresco*	Lime	Yellow	Lemon	Mica*	Sepia
Cameo*	Aubergine	Red	Berry	Orange	Paprika
Fossil	Vault	Charcoal	Jet		

*White, Natural, Sky, Cream, Cameo, Fresco, Oatmeal, Opal, Dove, Oyster, Lunar, Mica + 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 / WEIGHT	12mm (+/- 1mm), 2700gsm (+/- 10%)
DIMENSIONS	2420 x 1210mm 1820 x 1210mm (minimums apply) (+/- 10mm, 5mm respectively)
LIGHTFASTNESS ISO 105-B02	> 6
LUMINOUS REFLECTANCE	Refer to LRF results 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	Direct Fix	NRC 0.5 / αw 0.4
AS/ISO 354	24mm Airgap	NRC 0.65 / αw 0.6
Refer to acoustic graph	50mm Airgap	NRC 0.7 / αw 0.55

APPLICATION	Screens, wall + 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 Interior products must be protected from direct heat + sunlight
WARRANTY	5 year conditional warranty against manufacturing defects. This applies to internal installation only, outdoor use will void any warranty

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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

RECYCLED PET · LOW VOC · GREENTAG CERTIFIED LEVEL A · EPD Environmental Product Declaration · DECLARE Declare. · RECYCLABLE

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
Declare Label	NA	√	NA
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

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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

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