



- Sound absorptive acoustic panels with decorative fabric finish.
- Reduces reverberate noise and echo.
- Durable pre-finished panels with a self-healing pinable surface.
- Lightweight and easy to handle panels that are quick and simple to install.
- For maximum flexibility and ease of installation, panels can be precision cut to size.
- Direct fixed with exposed edges or framed with aluminium trimming for large wall spaces or feature areas.
- Hook-and-loop fastener receptive with dECO Fabric Captivate range for use in collaborative spaces.

Applications

Interior wall and ceiling panelling, workstation partitions and pin boards in spaces such as offices, meeting rooms, theatres, restaurants, libraries, classrooms, sports halls and auditoriums.

Decorative Finishes

Have design freedom with an extensive range of fabric face colours and finishes including dECO Fabric, custom designer fabrics* and digital printed fabric with images, photographs, corporate logos or original designs. Refer to the dECO Series Fabric Selector for further information on colours and finishes. For other finishing options, consult your CSR Martini representative.

*Custom designer fabrics must be submitted prior to determine suitability and finishing options. Pattern and weft matching is not available.

Environmental Benefits

dECO Panel is manufactured from thermally bonded polyester fibre with a minimum of 60% recycled fibre content from PET packaging such as empty drink bottles. The product is 100% recyclable.

- No chemicals or resin binders are used in manufacture.
- Odourless and contains no harmful volatile organic compounds (VOC).
- No waste is generated in manufacture.
- No water or ozone-depleting gases are used in manufacture.
- No chlorides are present in the product.
- Suitable for use in Green Star™ projects.

Sustainable Design

dECO Panel is certified GreenTag^{Cert}™ GreenRate Level A. Suitable for use in Green Star™ projects. Green Tag^{Cert}™ is a certification and rating tool for building professionals approved by the Green Building Council of Australia (GBCA) and the Green Building Council of New Zealand (NZGBC).



Acoustic Performance

Frequencies	Direct Fix		14 mm Air Gap		24 mm Air Gap	
	8 mm	13.5 mm	8 mm	13.5 mm	8 mm	13.5 mm
125	0.05	0.05	0.05	0.05	0.05	0.10
250	0.05	0.10	0.10	0.15	0.15	0.20
500	0.20	0.40	0.25	0.45	0.45	0.55
1000	0.40	0.70	0.50	0.80	0.80	0.90
2000	0.60	0.90	0.75	0.95	0.95	1.00
4000	0.75	0.95	0.90	0.95	0.95	0.95
NRC	0.30	0.50	0.40	0.60	0.60	0.65

Tested to AS/ISO 354:2006 at the National Acoustic Laboratory, Sydney by Renzo Tonin & Associates and Wood & Grieve Engineers.

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Panel Specifications

Thickness (mm)	Length (mm)	Width (mm)	Coverage (m ²)	Sheets per box
8	2420	1210	2.92	8
8	2720	1210	3.29	8
13.5	2420	1210	2.92	5
13.5	2720	1210	3.29	5

with dECO Fabric Captivate range

Thickness (mm)	Length (mm)	Width (mm)	Coverage (m ²)	Sheets per box
9	2420	1210	2.92	8
9	2720	1210	3.29	8
15	2420	1210	2.92	5
15	2720	1210	3.29	5

Tolerance in sizes: thickness +/- 1 mm; length +/- 10 mm; width +/- 5 mm.

Physical Description and Properties

Melting Point:	250°C		
Vapour Pressure:	Not applicable		
Volatiles:	Nil		
Specific Gravity:	1.38		
Flash Point:	None allocated		
Other Properties:	Non-allergenic, low irritant, low flame response, resilient		
Ingredients:	Organic, long chain synthetic polymers		
Max Service Temp:	110°C		
Alkalinity:	pH 7.8 (pH 7 is neutral)		
Moisture Absorption:	Exposure to an atmosphere of 50°C & 95% RH for four days gives moisture absorption of less than 0.2% by volume		
Fire resistance:	Complies with AS 3837 and tested to ISO 9705 Corner Burn Test	Group 1	
	The following results were obtained when subjected to early fire hazard testing in accordance with Australian Standards AS 1530.3	Ignitability	0
		Spread of Flame	0
		Heat Evolved	0
		Smoke Developed	4

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