

# MARTINI DECO QUIET PANEL

## APPLICATION

Martini dECO Quiet Panels are high performance decorative sound absorptive panels.

Decorative acoustic panel with coloured fabric facing, Martini dECO Quiet Panels provide broad frequency range noise absorption for walls and ceilings. Suitable for interior wall and ceiling panelling, workstation partitions and pin boards in offices, classrooms, theatres, meeting rooms, libraries, sports facilities, restaurants, cafes and other public buildings.

Self-healing pinnable surface and Velcro® receptive when finished with one of 17 dECO Fabric - refer to our Colour Selector or request samples from your Mammoth Insulation Representative.

We're excited to bring you the latest Mammoth & CSR Martini's Decorative Acoustics brochure - download your free copy here.

## FEATURES & BENEFITS

- High performance sound absorptive panels with decorative fabric finish in a choice of 17 decorative colours.
- Broad range frequency absorption wall and ceiling finish.
- Self-healing pinnable surface and is Velcro® receptive when finished in dECO Fabric.
- Direct fix installation.
- Can easily be cut using wide blade craft knives or specialised insulation saws.
- Effective noise reduction with a 0.85 - 1.10 NRC.
- Complies to AS/ISO 9705 and achieves a Group 1-S making it safe to use as an interior surface liner.
- Minimum 60% recycled fibre content from PET packaging such as empty drink bottles.
- Green Tag Certified.
- Red List Free.

## PRODUCT RANGE

PRODUCT RANGE	PACK SIZES							
	Colours	NRC	R-Value	Nominal thickness (mm)	Dimensions	Pieces per pack	Area per pack (m <sup>2</sup> )	
dECO Quiet Panel	✓	17	0.85	0.68	25	1.210m x 2.42m	6	17.95
	✓	17	0.85	0.68	25	1.210m x 2.72m	6	19.74
	✓	17	1.00	1.36	50	1.210m x 2.42m	3	8.78
	✓	17	1.00	1.36	50	1.210m x 2.72m	3	9.87
	✓	17	1.05	2.2	75	1.210m x 2.42m	2	5.85
	✓	17	1.05	2.2	75	1.210m x 2.72m	2	6.58
	✓	17	1.10	3	100	1.210m x 2.42m	1	2.92
	✓	17	1.10	3	100	1.210m x 2.72m	1	3.29

Tolerance in sizes: thickness +/- 2mm; width +/- 5mm. length +/- 10mm

**Decorative Finishes** - Martini dECO Quiet Panel is available in 17 colours subject to minimum order quantities and lead times.

# TECHNICAL DETAILS

Technical Attributes	Standard	Test Result
✓ Composition		100% Polyester. Organic, long chain synthetic polymers
✓ Thermal performance		
✓ Colourfastness to light:	ISO 105/B02: 1994 (TBC)	
✓ Colourfastness to rubbing:	ISO 105-X12: 2001 (TBC)	
✓ Alkalinity:		pH 7.8 (pH 7 is neutral)
✓ Ingredients:		Max service temp: 110°C
✓ Melting point:		250°C
✓ Vapour pressure:		Not applicable
✓ Volatiles:		Nil
✓ Fire resistance:	Tested to AS ISO 9705 Corner Burn in accordance with AS 5637.1	Group 1-S SMOGRA not more than 100 m <sup>2</sup> /s <sup>2</sup> x 1000
	Early fire hazard testing in accordance with Australian Standards AS 1530.3	Ignitability: 0 Spread of Flame: 0 Heat Evolved: 0 Smoke Developed: 4
✓ Moisture absorption:	Exposure to an atmosphere of 50°C and 95% relative humidity for four days	Moisture absorption of less than 0.2% by volume
✓ Other properties:		Non-allergenic, low irritant, low flame response, resilient

## Acoustic Performance (Direct Fix)

Frequencies	25 mm	50 mm	75 mm	100 mm
125	0.10	0.35	0.65	0.80
250	0.45	0.80	1.00	1.00
500	0.80	1.00	1.00	1.00
1000	0.95	1.00	1.00	1.00
2000	0.95	1.00	1.00	1.00
4000	0.90	1.00	1.00	1.00
NRC	0.85	1.00	1.05	1.10

Tested to AS/ISO 354:2006 by the Department of Mechanical Engineering at The University of Canterbury, Christchurch New Zealand and by the University of Auckland Acoustics Testing Service.

# SPECIFICATION & INSTALLATION

CSR Martini Pty Limited (ACN 144 714 938) ("CSR Martini") warrants that dECO product is free from any defects in manufacture and materials, subject to the warranty exclusions set out in the full Martini Warranty document and shall not materially degrade for a period of 15 years from the date of purchase in circumstances where used for internal applications only; and is used for interior wall and ceiling panelling and workstation partitions and has been installed in accordance with Martini dECO Installation Guide.

Both the Martini Warranty document and Installation Guide are available from the relevant product page and [www.mammoth.co.nz/downloads](http://www.mammoth.co.nz/downloads)