

# MARTINI DECO QUIET BOARD

## APPLICATION


Semi rigid acoustic board available in black or white. Provides 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.

Also available with a decorative finish as dECO Quiet Panel. Request samples from your Mammoth Insulation Representative.

## FEATURES & BENEFITS

- High performance sound absorptive panels.
- Available in white or black only (refer to [dECO Quiet Panel](#) for coloured option).
- Broad range frequency absorption wall and ceiling finish.
- Durable and resilient semi-rigid surface.
- Direct fix installation.
- Effective noise reduction with a 0.85 - 1.10 NRC.
- Complies to AS/ISO 9705 and achieves a Group 1-S so is 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		NRC	PRODUCT R-VALUE	NOMINAL THICKNESS (MM)	DIMENSIONS (MM)	PIECES PER PACK	TOTAL AREA (M2)
dECO Quiet Panel	✓	0.85	0.68	25 mm	1210 x 2420	6	17.95
	✓	0.85	0.68	25 mm	1210 x 2720	6	19.74
	✓	1.00	1.36	50 mm	1210 x 2420	3	8.78
	✓	1.00	1.36	50 mm	1210 x 2720	3	9.87
	✓	1.05	2.2	75 mm	1210 x 2420	2	5.85
	✓	1.05	2.2	75 mm	1210 x 2720	2	6.58
	✓	1.10	3	100 mm	1210 x 2420	1	2.92
	✓	1.10	3	100 mm	1210 x 2720	1	3.29

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

## DECORATIVE FINISHES

Martini dECO Quiet Board is available ex stock in white or black.

# 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 Download section of [www.mammoth.co.nz](http://www.mammoth.co.nz)

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