

MARTINI DECO DELUXE

APPLICATION

Martini dECO Deluxe is a rigid visual-facing acoustic board for interior sound control.

Martini dECO Deluxe is best used as interior wall and ceiling panelling, workstation partitions and pinboards in spaces such as offices, meeting rooms, theatres, restaurants, libraries, classrooms, sports halls and auditoriums.

Manufactured from 100% polyester, Martini dECO Deluxe is available in either black or white and can be wrapped with fabrics to complement decor and/or used as a functional decorative wall feature.

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

FEATURES & BENEFITS

- Sound absorptive board across a range of frequencies.
- 24 & 48 mm are available in black or white only and can be wrapped with decorative fabrics.
- 12 mm panel is available in a choice of 6 colours.
- Direct fix installation.
- Can easily be cut using wide blade craft knives or specialised insulation saws.
- Effective noise reduction with a 0.50 NRC (12mm) or 0.65 NRC (24mm) or 0.90 NRC (48mm).
- Complies to AS/ISO 9705 and achieves a Group 1-S.
- 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

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		Colours	NRC	Nominal thickness (mm)	Dimensions	Pieces per pack	Area per pack (m2)
dECO Deluxe	✓	6 colours*	0.50	12	1.21m x 2.41m		
	✓	Black or White	0.65	24	1.21m x 2.41m	4	11.66
	✓	Black or White	0.90	48	1.21m x 2.41m	2	5.83
Tolerance in sizes: thickness +/- 2mm; width +/- 5mm. length +/- 10mm							

Decorative Finishes

*Martini dECO Deluxe 12mm is available in 6 colours: Raven, Graphite, Shadow, Artic, Harvest or Tangerine.

The rigid nature of Martini dECO Deluxe lends itself to wrapping in the decorative fabric of your choosing. If Martini dECO Flex is also included in your acoustic solution, fabric matching the dECO Flex 17 colours are available subject to minimum order quantities.

TECHNICAL DETAILS

Technical Attributes	Standard	Test Result
✓ Composition	ISO 105/B02: 1994 ISO 105-X12: 2001	100% Polyester. Organic, long chain synthetic polymers
✓ Thermal performance		
✓ Colourfastness to light:		
✓ Colourfastness to rubbing:		
✓ 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:		Group 1-S SMOGRA not more than 100 m ² /s ² x 1000
	Tested to AS ISO 9705 Corner Burn in accordance with AS 5637.1	Ignitability: 0 Spread of Flame: 0 Heat Evolved: 0 Smoke Developed: 4
	Early fire hazard testing in accordance with Australian Standards AS 1530.3	
✓ 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

Frequencies	12 mm	24 mm	48 mm
125	0.05	0.05	0.20
250	0.10	0.20	0.65
500	0.40	0.55	0.95
1000	0.70	0.85	1.00
2000	0.90	0.95	1.00
4000	0.95	0.95	0.95
NRC	0.50	0.65	0.90

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

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