

# MARTINI DECO DELUXE

## APPLICATION

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

Martini dECO Deluxe is best used ad 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

| PRODUC RANGE |   |                |      | PACK SIZES             |               |                 |                    |
|--------------|---|----------------|------|------------------------|---------------|-----------------|--------------------|
|              |  | 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                |   | 100% Polyester. Organic, long chain synthetic polymers                         |
| ✓ Thermal performance        |   |  |
| ✓ Colourfastness to light:   | ISO 105/B02: 1994   |  |
| ✓ Colourfastness to rubbing: | ISO 105-X12: 2001   |  |
| ✓ 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<br>Spread of Flame: 0<br>Heat Evolved: 0<br>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

| 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](http://www.mammoth.co.nz/downloads)

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