

# MARTINI DECO QUIET BOARD

## APPLICATION

Martini dECO Quiet Boards provide broad frequency range noise absorption for walls and ceilings.

Semi rigid acoustic board available in black or white, Martini dECO Quiet Boards are 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.

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.
- Available in white or black only (refer to [dECO Quiet Panel](#) for coloured options).
- Broad range frequency absorption wall and ceiling finish.
- Durable and resilient semi-rigid surface.
- 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 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    |   |                |      |         | PACK SIZES             |                |                 |                    |
|------------------|---|----------------|------|---------|------------------------|----------------|-----------------|--------------------|
|                  |  | Colours        | NRC  | R-Value | Nominal thickness (mm) | Dimensions     | Pieces per pack | Area per pack (m2) |
| dECO Quiet Board | ✓   | Black or White | 0.85 | 0.68    | 25                     | 1.210m x 2.42m | 6               | 17.95              |
|                  | ✓   | Black or White | 0.85 | 0.68    | 25                     | 1.210m x 2.72m | 6               | 19.74              |
|                  | ✓   | Black or White | 1.00 | 1.36    | 50                     | 1.210m x 2.42m | 3               | 8.78               |
|                  | ✓   | Black or White | 1.00 | 1.36    | 50                     | 1.210m x 2.72m | 3               | 9.87               |
|                  | ✓   | Black or White | 1.05 | 2.2     | 75                     | 1.210m x 2.42m | 2               | 5.85               |
|                  | ✓   | Black or White | 1.05 | 2.2     | 75                     | 1.210m x 2.72m | 2               | 6.58               |

|   |                |      |   |     |                |   |      |
|---|----------------|------|---|-----|----------------|---|------|
| ✓ | Black or White | 1.10 | 3 | 100 | 1.210m x 2.42m | 1 | 2.92 |
| ✓ | Black or White | 1.10 | 3 | 100 | 1.210m x 2.72m | 1 | 3.29 |

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

# 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<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 (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)

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