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Cover page features dECO Blades with Verto™ showcasing Wedge 300mm blades in dECO Felt Ariel

About CSR Martini

At CSR Martini, we know the difference between sound and noise.

Proudly Australian manufactured with over 27 years of experience behind us, our acoustic products have been specifically engineered to perform across multiple environments – and even within different interior spaces.

Offering non-exposed insulation, semi-exposed absorptive products and decorative acoustic solutions to be used alone or in combination, we are the experts at integrating design and performance so that your desired outcome is reached both functionally and aesthetically.

From prominent Australian landmarks to industrial overhauls, whether it be for a commercial, hospitality or cultural space, recording studio, schools, theatres or convention centres, we sustainably engineer solutions for the most challenging acoustic layouts to ensure auditory excellence.





Why acoustics matter

We believe that sound can impact our environment for better or worse.

Studies show that poor acoustics can reduce student learning, productivity in workplaces, affect hospital recovery periods, as well as detract from our experience in social settings. The effects are wide and far reaching.

Couple this with increased trends towards more collaborative, open-plan spaces, actively managing noise levels is paramount to ensure you get the most out of your surroundings.

At CSR Martini, we engineer environments that transform the collective experience of those within them, reducing the impact of noise where it's not wanted.

Experience the difference with our range.

Environment

At CSR Martini, we believe we all have a role to play in looking after the environment. No doubt you feel the same.

To us, it's not just about creating exceptional quality products.

We ensure our manufacturing impact, our footprint and every single touch point from production to final delivery is considered.

Why? Because as a responsible corporate citizen, we are committed to leaving our next generation and the world better than we found it.

But actions speak louder than words. We are proud to say we are leading the way by ensuring our products, along with our manufacturing process, have been certified to independent environmental and product health assessments.

- Products with recycled content reduce greenhouse gas emissions
- High reusable potential
- Products manufactured from thermally bonded polyester fibre have a minimum of 60% recycled fibre content from PET packaging such as empty drink bottles
- The products are 100% recyclable
- No ozone-depleting gases are used during the manufacturing process
- No red list chemicals are present
- Safe, non-irritant, non-toxic, and non-allergenic

CSR Martini products are proudly:

- GreenTag^{CertTM} certified
- Environmental Product Declaration (EPD) certified in accordance with ISO 14025
- Product Health Declaration (PHD) certified
- · Declare certified
- Suitable for Green Star[™] projects











Features dECO 3D Tiles Shatter in dECO Felt Neptune, Lace and Granite.

5

dECO Finishes

CSR Martini's dECO fabric range is available in either a Flat Felt or Velour finish.

The dECO colour range offers freshness and vitality to any interior space. Colours have been inspired by the beauty of our world. From the calming palette of neutrals to the vibrant pops of life, dECO Felt and dECO Velour will elevate your design whilst delivering acoustic performance.

The impact colours have on individuals is extraordinary. It can sway thinking, change actions, and cause reactions. It can irritate or soothe your eyes, raise your blood pressure or suppress your appetite.

At CSR Martini we know when colours are used in the right way they can add so much more to the space. Have design freedom with our extensive range of fabric colours and finishes.







Felt Flat Acoustic Fabric

Application	Bonded to fabricated Martini products: dECO Blades, dECO Clouds, dECO Screens, dECO 3D Tiles, dECO Stick It and dECO Ceiling Tiles					
Thickness	1–2mm					
Width	1350mm					
Fire resistance	Complies with AS 5637.1 and is tested to AS/ ISO 9705 and achieves Group 1-S SMOGRA less than 100 m²/s² x 1000					
Acoustic performance	Tested to AS/ISO 354 and achieves NRC 0.04 direct fix					
Sustainability	AUSTRALASIA EPD® Declare. Declare. The INTERNATIONAL EPOP SYSTEM THE INTERNATIONAL EPOP SY					







Velcro® Receptive Acoustic Fabric

Application	Velcro® receptive fabric bonded to fabricated Martini products: dECO Quiet Panel and dECO Flex
Thickness	3-4mm
Width	1350mm
Fire resistance	Complies with AS 5637.1 and is tested to AS/ ISO 9705 and achieves Group 1–S SMOGRA less than 100 m^2/s^2x1000
Acoustic performance	Tested to AS/ISO 354 and achieves NRC 0.04 direct fix



Sustainability











dECO Collections

Design-Led Acoustics

dECO is a high performance decorative acoustic range proudly manufactured in Australia.

Selecting the right dECO product is essential to ensure the balance of acoustic performance and design to create the right environment.

dECO Product Selection Guide

	Application Available Finishes				Installation Options					
	Wall	Ceiling	dECO Felt	dECO Velour	Board	Direct Fix	Soffit Supension	Ceiling Grid Suspension	Plasterboard Suspension	Exposed Ceiling Grid System
dECO Quiet Panel	•	•		•		•				
dECO Flex	•			•		•				
dECO Clouds		•	•				•	•	•	
dECO Blades	•	•	•			•	•	•		
dECO Screens	•	•	•			•	•	•		
dECO Ceiling Tiles		•	•							•
dECO 3D Tiles	•		•			•				
dECO Stick It	•		•			•				
dECO Deluxe	•	•			•	•				
dECO Quiet Board	•	•			•	•				

Performance

Acoustics is a silent science of sound frequencies and movement.

As silent performers, our products are engineered to excel by fibre characteristics, density and varying thickness of our range. We measure internal performance of sound through a measure called the Noise Reduction Coefficient (NRC). The NRC is a simplified number that's the arithmetic average of four frequencies – 250, 500, 1000 and 2000 Hz. The higher the NRC, the greater the sound absorption at those frequencies.

Investment in extensive acoustic testing offers you the assurance that comes with actual results rather than just opinions. Our products deliver exceptional performance and we have the results to prove it. Our products excel in some of the most challenging acoustic applications including recording studios, concert halls, auditoriums and theatres.

CSR Martini stands both the test of time, as well as the test of sound.



High Performing Fabric Faced Acoustic Panel

Intended use	Interior wall, ceiling panelling and pin boards
Thickness	9mm, 15mm, 25mm, 50mm Tolerance: +/- 2mm
Panel size	2420mm x 1210mm, 2720mm x 1210mm Tolerance: length +/- 10mm width +/- 5mm
Fire resistance	Complies with AS 5637.1 and is tested to AS/ ISO 9705 and achieves Group 1–S SMOGRA less than 100 $m^2/s^2 \times 1000$
Acoustic performance	Tested to AS/ISO 354 and achieves: 9mm NRC 0.30 direct fix 15mm NRC 0.50 direct fix 25mm NRC 0.85 direct fix 50mm NRC 1.00 direct fix
Warranty	15 year product warranty

Sustainability











Framing System

dECO Edge to suit 15mm, 25mm and 50mm dECO Quiet Panel available in Clear Anodised Silver, Matt Black and Flat White finish. Refer to dECO Edge on page 44 for more details.

Finish



As shown on page 10

Note: dECO Quiet Panel 9mm and 15mm cannot be supplied in Snow, Ice or Porcelain Velour.







Velcro® Receptive, Flexible Acoustic Wall Covering

Application	Interior wall, ceiling panelling and pin boards
Thickness	10-12mm
Width	1220mm Tolerance: +/- 5mm
Length	25m Other lengths available upon request. Minimum length 7m. There may be a 10% over or under supply.
Roll length	2420mm x 1210mm, 2720mm x 1210mm Tolerance: length +/- 10mm width +/- 5mm
Fire resistance	Complies with AS 5637.1 and is tested to AS/ ISO 9705 and achieves Group 1–S SMOGRA less than 100 m^2/s^2x1000
Acoustic performance	Tested to AS/ISO 354 and achieves: NRC 0.40 direct fix
Warranty	15 year product warranty

Sustainability









Finish









martini deco blades



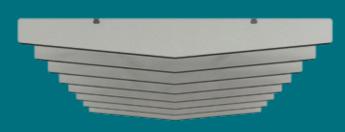
Linear

Blade Length	2400mm, 1800mm and 1200mm
Blade Thickness	27mm
Blade Height	Available in 100mm, 200mm and 300mm



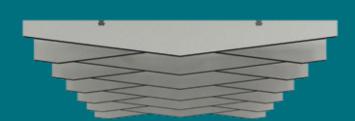
Wedge

Blade Length	2400mm, 1800mm and 1200mm
Blade Thickness	27mm
Blade Height	Available in 100mm, 200mm and 300mm



Arrow

Blade Length	2400mm, 1800mm and 1200mm
Blade Thickness	27mm
Blade Height	Available in 200mm and 300mm



Movement

Blade Length	2400mm, 1800mm and 1200mm
Blade Thickness	27mm
Blade Height	From 245mm to 270mm

Acoustic Blades with Verto™ Hanging System

Intended use	Interior decorative acoustic blades for ceilings and walls
Designs	dECO Blades Linear, dECO Blades Wedge, dECO Blades Arrow, dECO Blades Movement
Blade thickness	27mm Tolerance: +/- 2mm
Blade widths	Available in 2400mm, 1800mm and 1200mm
Fire resistance	Complies with AS 5637.1 and is tested to AS/ ISO 9705 and achieves Group 1-S SMOGRA less than 100 m^2/s^2x1000
Acoustic performance	Tested to AS/ISO 354 and achieves NRC 0.90 Based on dECO Blade Linear 2400mm x 200mm x 27mm in 6m² module with 103mm spacing.
Warranty	15 year product warranty

Sustainability









Finish

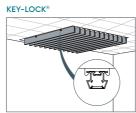


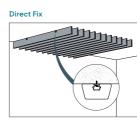
As shown on page 8

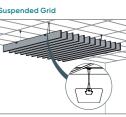
Installation

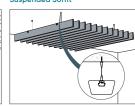
dECO Blades is installed on the Verto™ system that can be direct fixed, suspended from soffit or ceiling grid, or directly integrated with the Rondo KEY-LOCK® System. For more details, refer to Accessories on page 25.

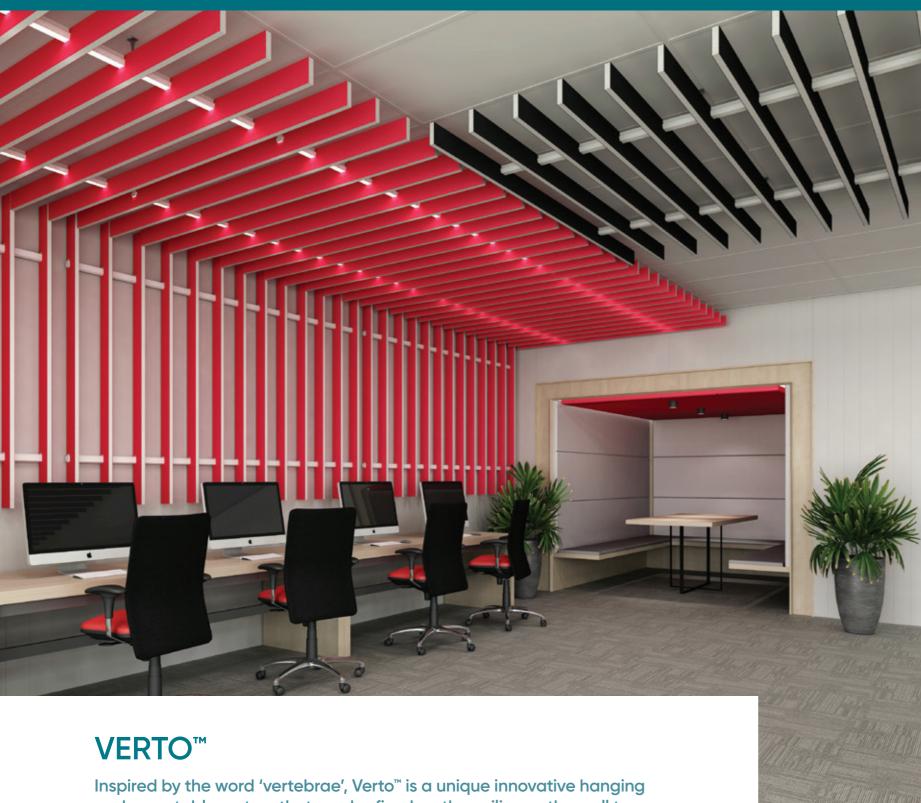












Inspired by the word 'vertebrae', Verto[™] is a unique innovative hanging and mountable system that can be fixed on the ceiling or the wall to provide a myriad of different applications and suspension methods.

As functional as it is versatile, Verto[™] is a patented technology that provides the backbone to our dECO Blades and dECO Screens to bring your design vision to life, while offering all the signature acoustic enhancing benefits you can expect from any CSR Martini product.

Verto™ System Overview



Verto™ **Extrusion**

Engineered aluminium modular mounting system designed for dECO Blades and dECO Screens.



Hardware

The hardware options available give you the flexibility to fix on a ceiling or a wall providing a range of different executions and interior suspension effects.

- Suspended Grid
- Suspended Soffit
- Direct Fix
- Rondo KEY-LOCK® Integration
- Tension (dECO Screens only)



Snap Technology

The exclusive snap blade technology allows for quick and simple installation with the confidence of an instant secure fit.



Spacing Versatility

Providing a conceal bespoke finish, the aluminium snap spacer allows for consistent spacing between blades based on your project needs whilst giving you speed for a quick installation.

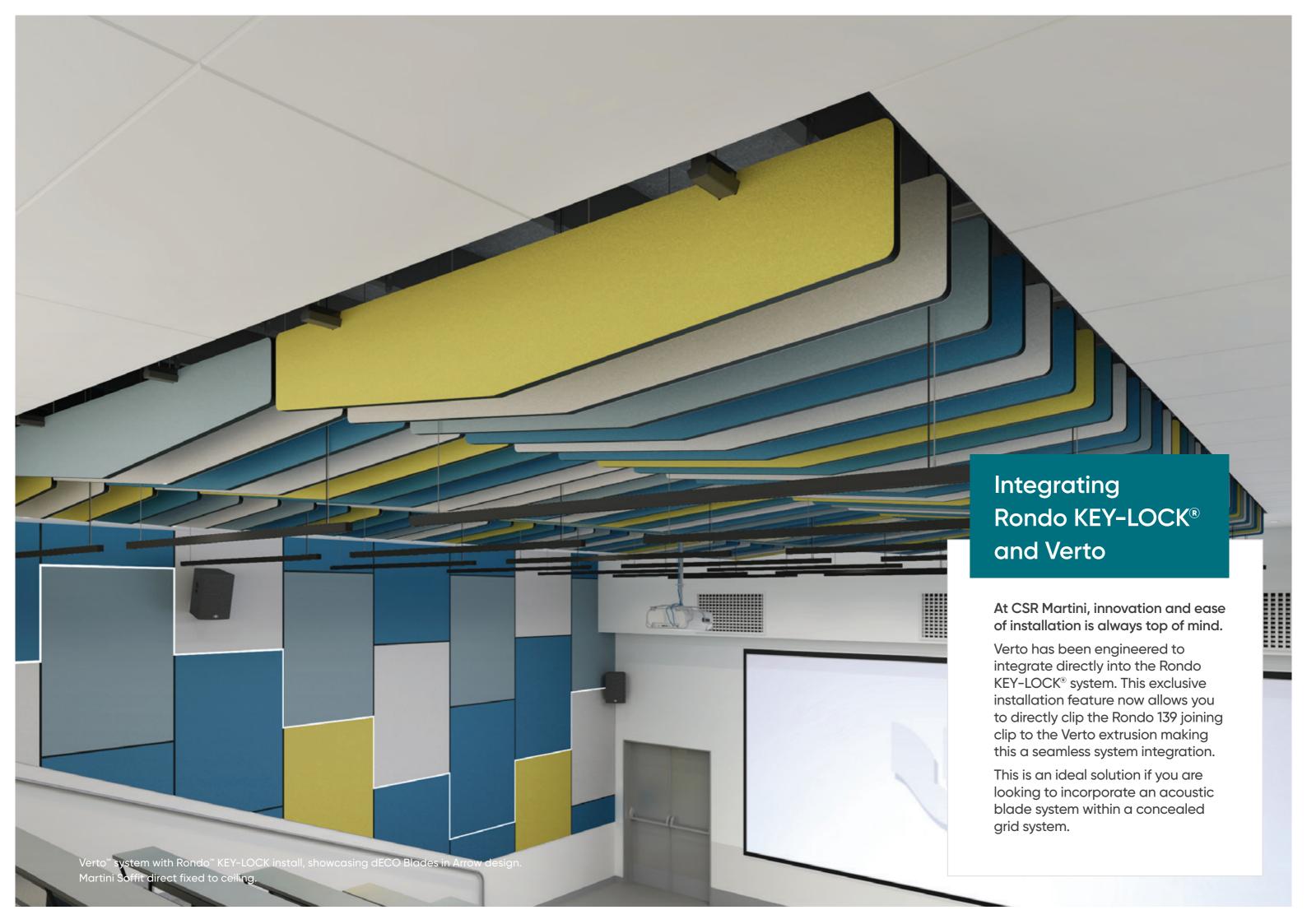


Assembly Support

Detailed illustrations are available in the Installation guide for each unique hardware execution. CSR Martini also offer technical support if required on all projects.

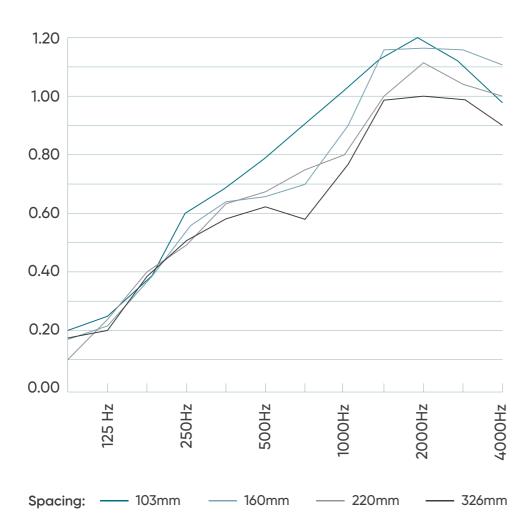


For more details, scan the QR code or visit csrmartini.com.au



System Performance

Acoustic Performance



Sound absorption coefficients according to ISO 354. University of Auckland testing service.

Frequencies	125hz	250hz	500hz	1,000hz	2,000hz	4,000hz	NRC
103mm	0.30	0.60	0.75	1.00	1.00	1.00	0.90
160mm	0.25	0.50	0.70	0.90	1.00	1.00	0.80
220mm	0.25	0.50	0.65	0.85	1.00	1.00	0.75
326mm	0.20	0.45	0.60	0.75	0.95	0.90	0.70

Product tested on dECO Blades, Direct Fixed Linear 200mm.

Structural Certification

Verto Suspended Acoustic Blade System has been independently certified by David Beneke Consulting (DBC) to show the allowable range of cantilever spans on the Verto rail to relevant sections of the following Australian Standards.

- AS/NZS1170.0-2002 Structural design actions, Part 0: General principles
- AS/NZS1664.1-1997 Aluminium structures, Part 1: Limit state design

Verto rail length is 2.5 metres. If you are using the provided kit connector, there is a maximum of 4 rail assemblies joined together in a row before a short break is required.

		dECO Acoustic Blade Details					Allowable Range of Cantilever length, L (mm)												
Product						Blade Separation distance (mm)		Top Fixing Type									Ultimate		
	Design	esign Length (mm)	Height (mm)) Area (m2)	Thickness (mm)		Duo		Don		Rondo 139		K6 Kunkel		0.55 BMT		0.75 BMT		hanger load (N)
							Lmin	Lmax	Lmin	Lmax	Lmin	Lmax	Lmin	Lmax	Lmin	Lmax	Lmin	Lmax	
	₽ -	2400	100	0.24	24	91	50	750	50	750	50	750	50	750	50	750	50	750	79
	Linear 100	1800	100	0.18	24	91	50	750	50	750	50	750	50	750	50	750	50	750	63
		1200	100	0.12	24	91	50	750	50	750	50	750	50	750	50	750	50	750	48
ਨ	b̄ο	2400	200	0.48	24	198	50	750	50	750	50	750	50	750	50	750	50	750	87
Linear	Linear 200	1800	200	0.36	24	198	50	750	50	750	50	750	50	750	50	750	50	750	69
	2	1200	200	0.24	24	198	50	750	50	750	50	750	50	750	50	750	50	750	52
	ħ.o.	2400	300	0.72	24	326	50	750	50	750	50	750	50	750	50	750	50	750	90
	300	1800	300	0.54	24	326	50	750	50	750	50	750	50	750	50	750	50	750	71
	' ' ' ' '	1200	300	0.36	24	326	50	750	50	750	50	750	50	750	50	750	50	750	53
	Wedge 100	2400	100	0.24	24	91	50	750	50	750	50	750	50	750	50	750	50	750	79
		1800	100	0.18	24	91	50	750	50	750	50	750	50	750	50	750	50	750	63
		1200	100	0.12	24	91	50	750	50	750	50	750	50	750	50	750	50	750	48
Φ	Φ -	2400	200	0.48	24	198	50	750	50	750	50	750	50	750	50	750	50	750	87
Wedge	Wedge 200	1800	200	0.36	24	198	50	750	50	750	50	750	50	750	50	750	50	750	69
≥		1200	200	0.24	24	198	50	750	50	750	50	750	50	750	50	750	50	750	52
	Wedge 300	2400	300	0.72	24	326	50	750	50	750	50	750	50	750	50	750	50	750	90
		1800	300	0.54	24	326	50	750	50	750	50	750	50	750	50	750	50	750	71
		1200	300	0.36	24	326	50	750	50	750	50	750	50	750	50	750	50	750	53
Arrow	Arrow 200	2400	200	0.48	24	198	50	750	50	750	50	750	50	750	50	750	50	750	87
		1800	200	0.36	24	198	50	750	50	750	50	750	50	750	50	750	50	750	69
		1200	200	0.24	24	198	50	750	50	750	50	750	50	750	50	750	50	750	52
	Arrow 300	2400	300	0.72	24	326	50	750	50	750	50	750	50	750	50	750	50	750	90
		1800	300	0.54	24	326	50	750	50	750	50	750	50	750	50	750	50	750	71
	∢.,	1200	300	0.36	24	326	50	750	50	750	50	750	50	750	50	750	50	750	53
Move- ment	Move-	2400	257	0.62	24	198	100	750	100	750	100	750	100	750	100	750	100	750	107
		1800	257	0.46	24	198	50	750	50	750	50	750	50	750	50	750	50	750	84
		1200	257	0.31	24	198	50	750	50	750	50	750	50	750	50	750	50	750	62

Table 1 – Allowable cantilever length range of Verto 2.0 aluminium rails (ultimate hanger load based on load combination 1.35G)

Top Fixing Type

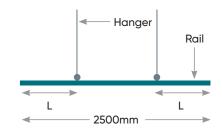
T-Grid Clip on Rondo DUO T-Grid Clip on Rondo DONN Rondo Key-lock 139 Bracket Soffit Anchor K6 Kunkel

Direct Fix 0.55mm BMT G2 Steel*

Direct Fix 0.75mm BMT G2 Steel*

Short form in Table 1
Duo
Don
Rondo 139
K6 Kunkel
0.75 BMT
0.75 BMT

- * Fastening to light gauge steel to be undertaken using either of the following fasteners:
- Class 3 Galvanised Phillips Drive Button Head 8g-18 x 32 mm self-drilling screws from Zenith or Hobson.
- Zinc Plated Countersunk Ribbed Head Metal Tek 8g-18 x 30mm self-drilling screws from Buildex.



Maximum cantilever length is applicable to 2.5 metre rails, ensure there is a cantilever at each end of an equal length.

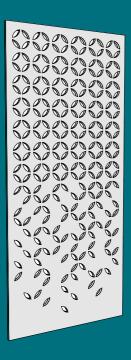
Seismic Information:

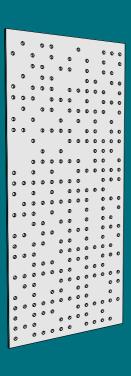
Verto Suspended Acoustic Blade System has been independently assessed by David Beneke Consulting (DBC) for ceiling applications in accordance with AS/NZS 1170.0-2002, AS1170.4-2007, AS1664.1-1997 and design tables prepared that satisfy the structural requirements of NCC 2019 Amdt 1 in office environments when installed in accordance with the Verto Installation Guide.



martini deco screen







Leaf

Breeze

Dots



Lines



Fracture

Interior Decorative Acoustic Screen

Applications	Vertical hanging decorative acoustic room divider or wall features
Designs	dECO Screens Leaf, dECO Screens Lines, dECO Screens Dots, dECO Screens Breeze, dECO Screens Fracture.
Thickness	27mm Tolerance: +/- 2mm
Height	Available in 2400mm or 2700mm
Fire resistance	Complies with AS 5637.1 and is tested to AS/ ISO 9705 and achieves Group 1-S SMOGRA less than 100 m^2/s^2x 1000
Acoustic performance	Tested to AS/ISO 354 and dECO Screens substrate achieves NRC 0.65 direct fix
Warranty	15 year product warranty

Sustainability









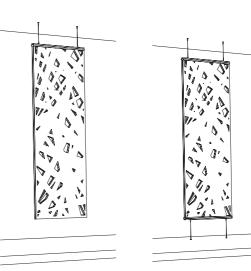
Finish



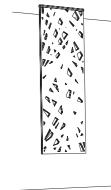
As shown on page 8

Installation

dECO Screens are installed on the Verto [™] system that can be direct fixed, suspended from soffit or ceiling grid, free hanging or under tension. For more details, refer to dECO Screens datasheet and Installation Guide.







Tension





Decorative Suspended Acoustic Clouds

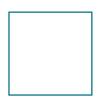






Hexagon

1200 x 1200 x 25mm



Circle 1200mm, 800mm, 600mm diameter

Fire resistance

Rectangle 2400 x 1200 x 25mm

Square 1200 x 1200 x 25mm

Application	For interior ceiling applications
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Design

dECO Clouds Circle 1200mm, dECO Clouds Circle 800mm, dECO Clouds
Circle 600mm, dECO Clouds Rectangle, dECO Clouds Square,
dECO Clouds Hexagon

Thickness 25 mm
Tolerance: +/- 2mm

Complies with AS 5637.1 and is tested to AS/ ISO 9705 and achieves Group 1–S SMOGRA less than 100 $\rm m^2/s^2~x~1000$

Acoustic Tested to AS/ISO 354 and achieves NRC 0.65 direct fix. Refer to dECO Clouds datasheet for Effective Absorptive Area (metric Sabine) results

Warranty 15 year product warranty

Finish



As shown on page 8

Installation

dECO Clouds can be suspended from soffit or ceiling grids using dECO Clouds Suspension Kit. Refer to dECO Clouds datasheet for number of required suspension kits per design







Decorative Acoustic Drop-In Ceiling Tiles For Grids

Application	Decorative acoustic Interior drop-in ceiling tiles for standard exposed 24mm ceiling grid systems
Size	1195mm x 595mm x 25mm 595mm x 595mm x 25mm
Piece /box	1195mm length: 4 tiles 595mm length: 8 tiles
	Ω.

Edge type



Light reflectance	Snow achieves 91 as tested to ASTM E1477-98a
Fire resistance	Complies with AS 5637.1 and is tested to AS/ ISO 9705 and achieves Group 1-S SMOGRA less than 100 m^2/s^2x 1000
Acoustic performance	Tested to AS/ISO 354 and achieves NRC 0.65 direct fix. Refer to dECO Clouds datasheet for Effective Absorptive Area (metric Sabine) results
Warranty	15 year product warranty

Finish



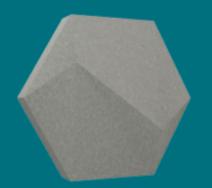
As shown on page 8

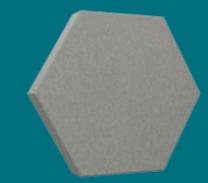






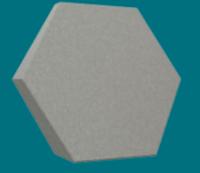
martini deco 3D TILES

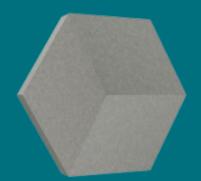






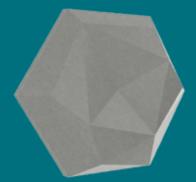
Geo





Incline

Rubix



Shatter

3D Decorative Acoustic Wall Tiles

Application	Decorative acoustic three-dimensional wall feature tiles suitable for flat and even surfaces such as Gyprock®
Size	dECO 3D Tiles Abstract and Incline 300mm x 346mm x 70mm dECO 3D Tiles Geo, Rubix and Shatter 300mm x 346mm x 40mm
Tiles /box	8 tiles with acoustic infills. MOQ 3 boxes
Fire resistance	Complies with AS 5637.1 and is tested to AS/ ISO 9705 and achieves Group 1-S SMOGRA less than 100 $m^2/s^2 \times 1000$
Acoustic performance	Tested to AS/ISO 354 with acoustic infill and achieves Abstract: NRC 0.95 Geo: NRC 0.95 Incline: NRC 0.95 Rubix: NRC 0.75 Shatter: NRC 1.00
Warranty	15 year product warranty
Installation	dECO 3D Tiles are friction-fit mounted on acoustic infill which is attached to the wall with pressure-sensitive adhesive backing. Spacing jig included in tile pack
	GENTINE OF HEALTH RATE

Finish

Sustainability



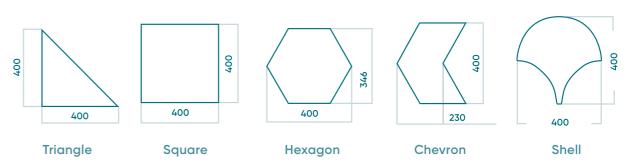
As shown on page 8







Versatile, Self-Adhesive Acoustic Wall Tiles



Application	Interior use only, adhered to a flat surface such as Gyprock®
Thickness	13.5mm Tolerance: +/- 2mm
Fire resistance	Tested to AS/NZS 1530.3 and achieves Ignitability Index 8 Spread of Flame Index 0 Heat Evolved Index 3 Smoke Developed Index 7
Acoustic performance	Tested to AS/ISO 354 and achieves NRC 0.50 direct fix
Warranty	15 year product warranty

Sustainability

Installation











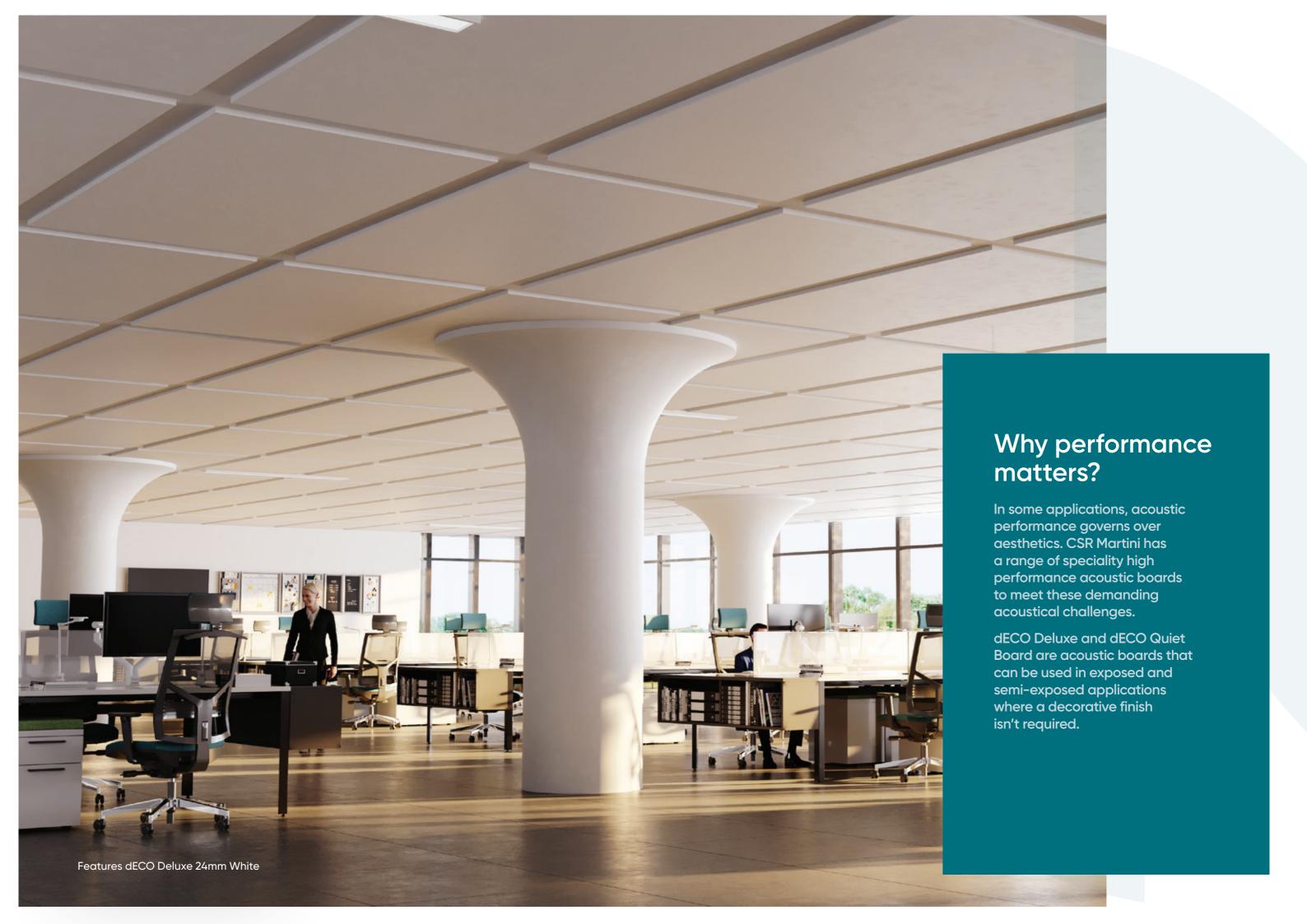
Finish



As shown on page 8

With self-adhesive backing, dECO Stick It are easy to install onto a wall







High Density and Durable Acoustic Board

Application	Interior wall or ceiling finish and substrate for fabric wrapping
Thickness	24 mm Tolerance: +/- 2mm
Panel size	2410mm x 1210mm Tolerance: length +/- 10mm width +/- 5mm
Fire resistance	Complies with AS 5637.1 and is tested to AS/ ISO 9705 and achieves Group 1-S SMOGRA less than 100 m^2/s^2x1000
Acoustic performance	Tested to AS/ISO 354 and achieves NRC 0.65 direct fix
Warranty	15 year product warranty
Colours	Black and White







High Performance and Durable Acoustic board

Application	Acoustic cover-grade substrate for interior walls and ceilings
Thickness	7mm, 12mm, 25mm, 50mm Tolerance: +/- 2mm
Panel size	2420mm x 1210mm, 2720mm x 1210mm Tolerance: length +/- 10mm width +/- 5mm
Fire resistance	Complies with AS 5637.1 and is tested to AS/ ISO 9705 and achieves Group 1-S SMOGRA less than 100 m^2/s^2 x 1000
Acoustic performance	Tested to AS/ISO 354 and achieves: 8mm NRC 0.30 direct fix 15mm NRC 0.50 direct fix 25mm NRC 0.85 direct fix 50mm NRC 1.00 direct fix
Warranty	15 year product warranty
Colours	Black and White

Board surface variations may be present. If decorative finish is required, please use dECO Quiet Panel. Refer to page 16.







dECO Collection Accessories

dECO Edge

dECO Edge is an aluminium framing system used in conjunction with dECO Quiet Panel – a stylish finish for walls and ceilings.

Available in 3 thicknesses and 3 colours, this product is easy to install and provides a modern, stylish edge finish.

Thickness 12mm, 25mm, 50mm

Profile 25.00 dECO Edge 12mm dECO Edge 50mm

> Suitable for dECO Quiet Panel 15mm

dECO Edge 25mm Suitable for dECO

Quiet Panel 25mm

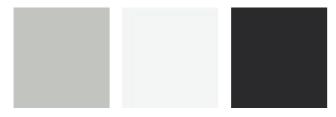
Suitable for dECO Quiet Panel 50mm

25.00

Length 2.8m

Warranty 10 years

Colours



Clear Anodised Silver, Flat White and Matt Black.

Custom RAL colours are also available. Please contact your CSR Martini representative for more details.





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CSR Martini Pty Limited P.O. Box 560, Ingleburn NSW 1890 martinienquiries@csr.com.au Australian callers: 1300 767 776 International callers: +61 2 8795 4400

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