



INNOVASIA

ACOUSTICS



The Capella Collection

Blades of Harmony





Why Acoustics Matter

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

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

Coupled with an increasing trend towards more collaborative, open-plan spaces, managing noise levels becomes paramount to get the most out of your surroundings.

At Innovasia Acoustics, supported with quality acoustic products from 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 this range.](#)



Environment

Key Features

- Manufactured from thermally bonded polyester fiber with a minimum of 60% recycled fiber content from PET packaging such as empty drink bottles
- Products with recycled content reduce greenhouse gas emissions
- High reusable potential
- Products are 100% recyclable
- Volatile organic compounds (VOCs) generated in the manufacturing process are classified as low (0.01 mg/m³)
- No ozone-depleting gases are used during the manufacturing process
- No red list chemicals are present
- Safe, non-irritant, non-toxic, and non-allergenic

Certificates

- GreenTag^{Cert™} certified
- Environmental Product Declaration (EPD) certified in accordance with ISO 41025
- Product Health Declaration (PHD) certified
- Declare certified
- Suitable for Green Star[™] projects



VERTO[™] direct fixed showcasing Rubato from the Capella Collection



The Capella Collection



The Capella Collection featuring Bass blades direct fixed with VERTO™





Linear 100 mm

Model	Linear		
ID	MCB19	MCB20	MCB21
Blade Height	100 mm	100 mm	100 mm
Blade Width	1200 mm	1800 mm	2400 mm
Acoustic Blades	24	12	12
27 mm recommended spacing*	91 mm	220 mm	220 mm

*Spacing based on 2.5 m Verto kit

Linear 200 mm

Model	Linear		
ID	MCB13	MCB14	MCB15
Blade Height	200 mm	200 mm	200 mm
Blade Width	1200 mm	1800 mm	2400 mm
Acoustic Blades	12	12	12
24 mm recommended spacing*	201 mm	201 mm	201 mm
27 mm recommended spacing*	220 mm	198 mm	198 mm

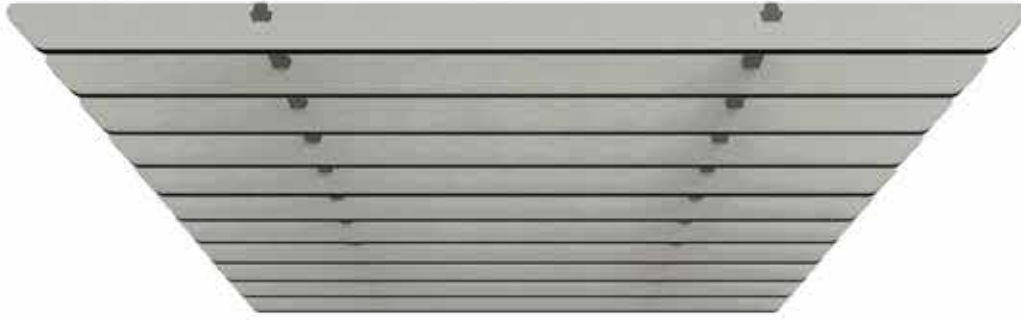
*Spacing based on 2.5 m Verto kit

Linear 300 mm

Model	Linear		
ID	MCB4	MCB5	MCB6
Blade Height	300 mm	300 mm	300 mm
Blade Width	1200 mm	1800 mm	2400 mm
Acoustic Blades	8	8	8
24 mm recommended spacing*	142 mm	330 mm	330 mm
27 mm recommended spacing*	160 mm	326 mm	326 mm

*Spacing based on 2.5 m Verto kit





Wedge 100 mm

Model	Wedge		
ID	MCB1	MCB2	MCB3
Blade Height	100 mm	100 mm	100 mm
Blade Width	1200 mm	1800 mm	2400 mm
Acoustic Blades	24	12	12
27 mm recommended spacing*	91 mm	220 mm	220 mm

Wedge 200 mm

Model	Wedge		
ID	MCB10	MCB11	MCB12
Blade Height	200 mm	200 mm	200 mm
Blade Width	1200 mm	1800 mm	2400 mm
Acoustic Blades	12	12	12
27 mm recommended spacing*	220 mm	247 mm	247 mm

Wedge 300 mm

Model	Wedge		
ID	MCB7	MCB8	MCB9
Blade Height	300 mm	300 mm	300 mm
Blade Width	1200 mm	1800 mm	2400 mm
Acoustic Blades	8	8	8
24 mm recommended spacing*	142 mm	330 mm	330 mm
27 mm recommended spacing*	160 mm	326 mm	326 mm





Arrow

200 mm

Model	Arrow		
ID	MCB28	MCB29	MCB35
Blade Height	200 mm	200 mm	200 mm
Blade Width	1800 mm	2400 mm	1200 mm
Acoustic Blades	12	12	12
27 mm recommended spacing*	198mm	220 mm	247 mm

*Spacing based on 2.5 m Verto kit

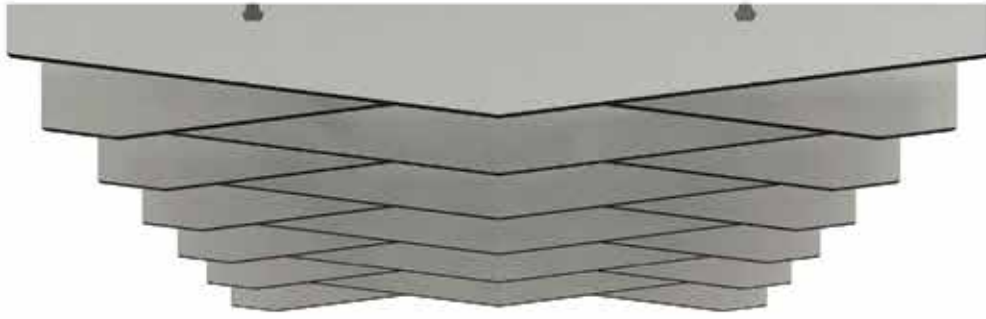
Arrow

300 mm

Model	Arrow		
ID	MCB24	MCB25	MCB26
Blade Height	300 mm	300 mm	300 mm
Blade Width	1200 mm	1800 mm	2400 mm
Acoustic Blades	8	8	8
27 mm recommended spacing*	160mm	326 mm	326 mm

*Spacing based on 2.5 m Verto kit





Movement

Model	Concerto		
ID	MCB30	MCB31	MCB32
Blade Height	245 mm - 270 mm	245 mm - 270 mm	245 mm - 270 mm
Blade Width	1200 mm	1800 mm	2400 mm
Acoustic Blades	12	12	12
27 mm recommended spacing*	198 mm	198 mm	198 mm

*Spacing based on 2.5 m Verto kit



Custom designs are welcome. Please contact your Innovasia representative.



Physical Description and Properties

Product Name:	Capella		
Composition Blade:	100% Polyester Fiber (PET) dECO Deluxe		
Color:	dECO Deluxe is available in black and white		
Channel:	VERTO™ patented mounting system		
Blade Width:	1200 mm / 1800 mm / 2400 mm pending design selected		
Blade Depth:	Varies based on design, see individual blade tables in brochure		
Blade Thickness:	24 mm dECO Deluxe 27 mm dECO Deluxe Screen (including Felt facing on both sides)		
Overall Height:	100 mm - 298 mm		
Tolerance:	+/- 2 mm in size or thickness		
Installation*:	Refer to VERTO™ Installation Guide		
Intended Use:	Capella Collection is suitable for indoor use only. Suitable for ceiling or wall applications or both, ceiling to wall. Not suitable for outdoor use.		
Moisture Absorption:	Exposure to an atmosphere of 50°C and 95% RH for four days gives moisture absorption of less than 0.2% by volume.		
Acoustic Performance:	The Capella Collection has been designed to reduce and control reverberated (echo) noise within interior spaces.		
Fire Resistance:	Tested to AS ISO 9705 Corner Burn in accordance with AS 5637.1	Group I SMOGRA not more than 100 m ² /s ² x 1000	
	The following results were obtained when dECO deluxe was subjected to early fire hazard testing in accordance with Australian Standards AS 1530.3	Ignitability Spread of Flame Heat Evolved Smoke Developed	0 0 0 0-1
Decorative Finishes:	24 mm dECO Deluxe can be with or without Felt facing to complement the overall design you are wanting to achieve.		

* Always check with the builder before suspending or fixing any product to the ceiling.

Capella Collection is manufactured by CSR Martini.



Performance

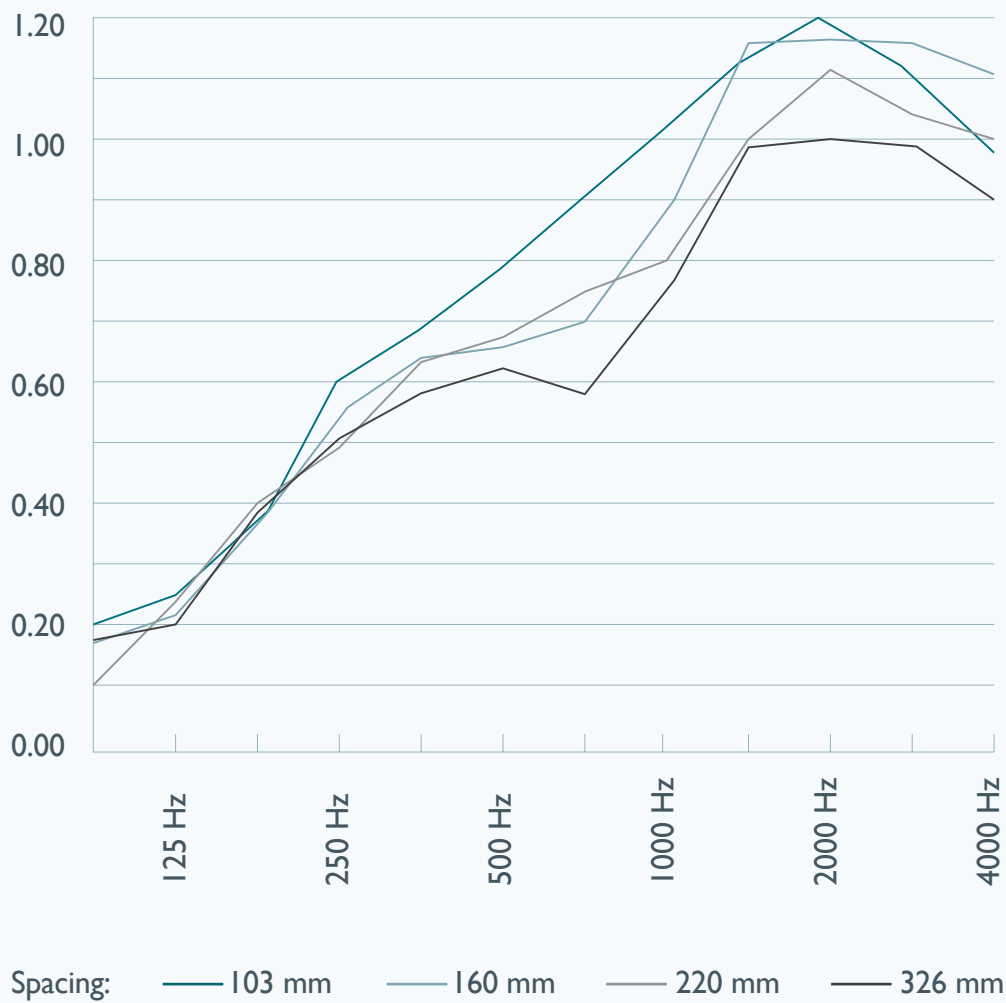
Acoustics is a silent science of sound frequencies and movement.

As silent performers, our products are engineered to excel by fiber 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 which is 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.

The Capella Collection is designed using dECO Deluxe panels and is available with or without Felt facing. The standard 24 mm dECO Deluxe panel's NRC is 0.65.





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

Frequencies	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
103 mm	0.30	0.60	0.75	1.00	1.00	1.00	0.90
160 mm	0.25	0.50	0.70	0.90	1.00	1.00	0.80
220 mm	0.25	0.50	0.65	0.85	1.00	1.00	0.75
326 mm	0.20	0.45	0.60	0.75	0.95	0.90	0.70

Product tested on Capella, Direct Fixed Harmony 27 mm.



Colors

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

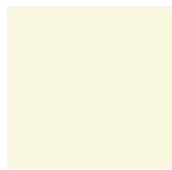
Colors used in the right way can add so much more to the space. Enjoy the freedom to design with our extensive range of fabric colors and finishes.

Refer to Innovasia's Felt series for a full range of colors to use on dECO Deluxe 24 mm panels or consult your Innovasia Acoustics representative.

Capella Collection Colors: Select from the Felt color options shown below if you opt for Felt facing on both sides of 24 mm dECO Deluxe panels.



Sunburst



Muslin



Icicle



Alabaster



Marmalade



Seagrass



Spruce



Fog



Orangery



Parakeet



Electric



Ash Blue



Alloy



Lava



Camouflage



Surf



Cinder



Carbon



Boysenberry



Cyan



Denim



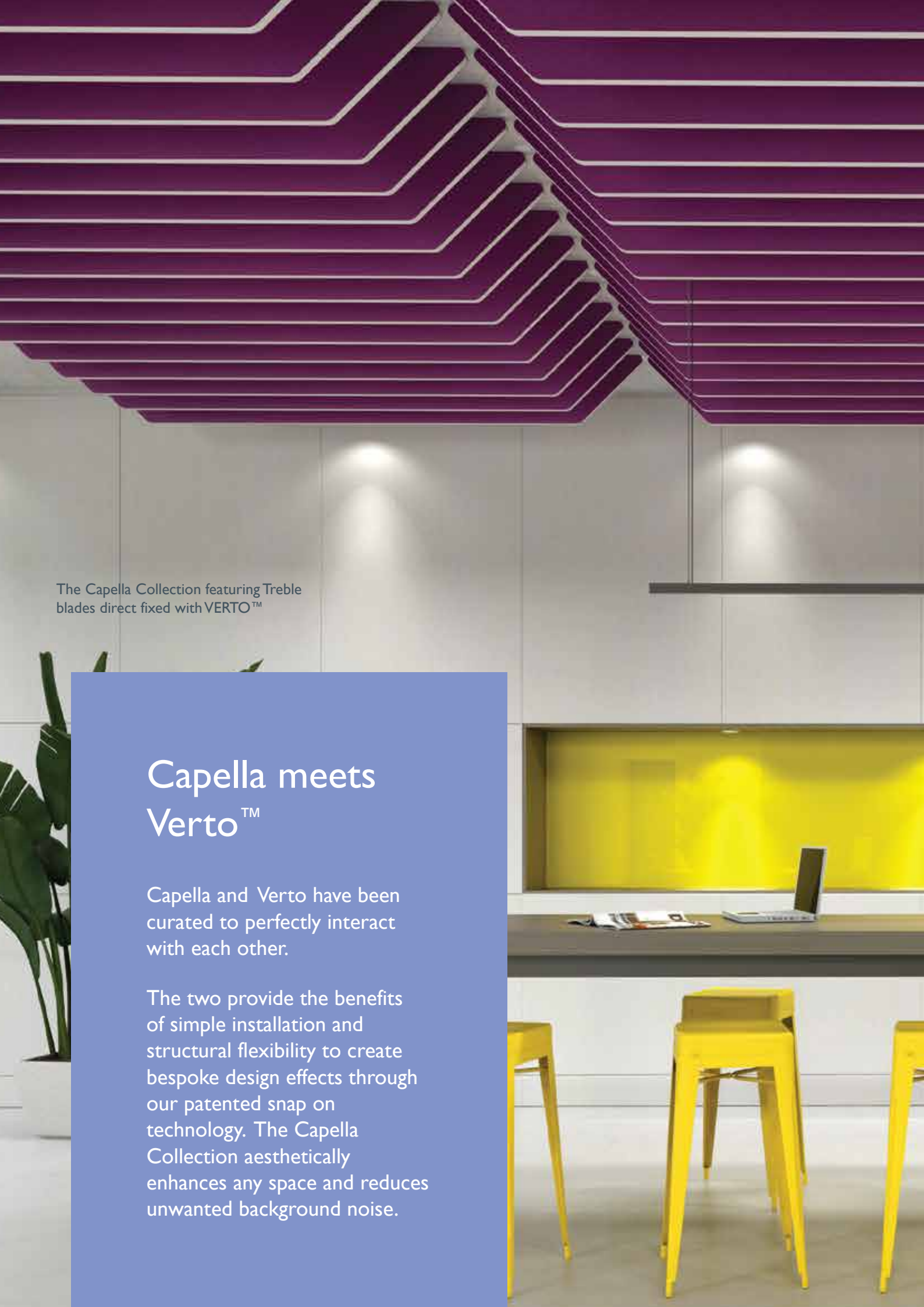
Jet





VERTO™ Suspended showcasing Rhythm from the Capella Collection





The Capella Collection featuring Treble blades direct fixed with VERTO™

Capella meets Verto™

Capella and Verto have been curated to perfectly interact with each other.

The two provide the benefits of simple installation and structural flexibility to create bespoke design effects through our patented snap on technology. The Capella Collection aesthetically enhances any space and reduces unwanted background noise.



Installation

The Capella collection is installed using the Verto mounting system. Inspired by the word “vertebrae,” Verto is a unique, innovative, patented hanging and mounting system that can be fixed on the ceiling, floor or wall to provide myriad execution and suspension effects.

As functional as it is versatile, the Verto mounting system with the Capella Collection brings your design vision to life, while offering all the signature acoustic benefits you can expect from any product.

See the Innovasia Acoustics installation guide for complete details.





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