



INNOVASIA
ACOUSTICS

The Allora Collection

The Art of Sound





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.





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 Allora Collection is designed using dECO Deluxe panels faced with beautifully styled Felt. The standard 24 mm dECO Deluxe panel's NRC is 0.65.



The Allora Collection





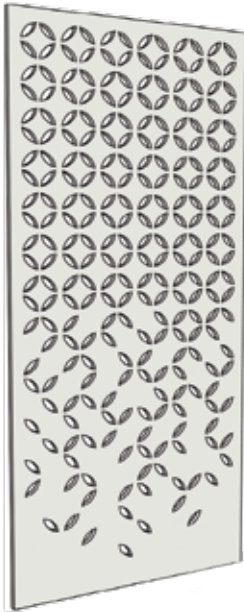
The Art of Sound

The Allora Collection features a series of decorative acoustic screens that elevate any room. The collection can be configured, shaped, and customised to suit the design statement of any space.

Whether utilised as a room separator or an added element of visual art, the Allora Collection reduces everyday noise using absorptive recycled polyester, optimizing any environment for work, study or play.



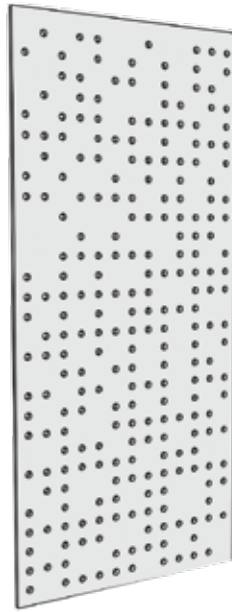
Breeze



Model Breeze

ID MASI

Dots



Model Dots

ID MASI3

Fracture



Model Fracture

ID MAS3

Leaf



Model Leaf

ID MASI4

Lines



Model Lines

ID MASI5

Size: 2700 mm x 1200 mm & 2400 mm x 1200 mm

Thickness: 27 mm

Tolerance: +/- 2 mm in size or thickness

Custom designs are welcome. Please contact your Innovasia representative.

Physical Description and Properties

Product Name:	Allora									
Composition:	100% Polyester Fiber (PET) dECO Deluxe									
Color:	dECO Deluxe is available in black and white									
Channel:	VERTO™ patented hanging system									
Dimension:	1200 mm x 2400 mm / 1200 mm x 2700 mm									
Thickness:	27 mm (including Felt facing on both sides)									
Tolerance:	+/- 2 mm in size or thickness									
Installation*:	Refer to VERTO™ Installation Guide									
Intended Use:	Allora Collection is suitable for indoor use only. Suitable for ceiling or wall applications. 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 Allora 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	<table border="0"> <tr> <td>Ignitability</td> <td>0</td> </tr> <tr> <td>Spread of Flame</td> <td>0</td> </tr> <tr> <td>Heat Evolved</td> <td>0</td> </tr> <tr> <td>Smoke Developed</td> <td>0-1</td> </tr> </table>	Ignitability	0	Spread of Flame	0	Heat Evolved	0	Smoke Developed	0-1
Ignitability	0									
Spread of Flame	0									
Heat Evolved	0									
Smoke Developed	0-1									
Decorative Finishes:	24 mm dECO Deluxe can be with same or different color Felt facing on the two sides to complement the overall design you are wanting to achieve.									

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

Allora Collection is manufactured by CSR Martini.



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.

Allora 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



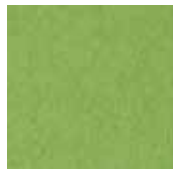
Icicle



Alabaster



Marmalade



Seagrass



Spruce



Fog



Orangery



Parakeet



Electric



Ash Blue



Alloy



Lava



Camouflage



Surf



Cinder



Carbon



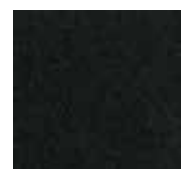
Boysenberry



Cyan



Denim



Jet



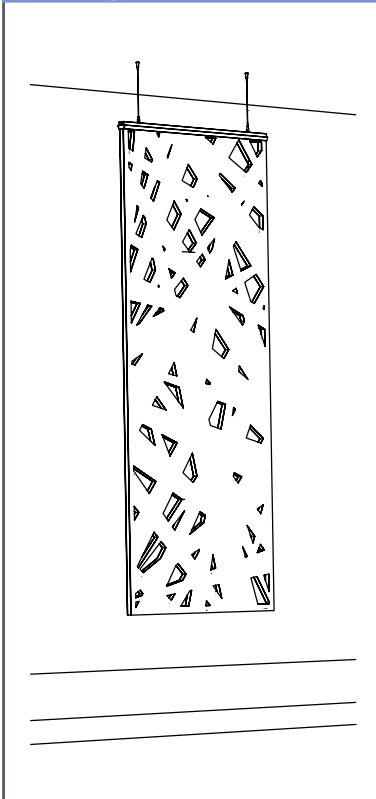
Installation

The Allora screens are 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.

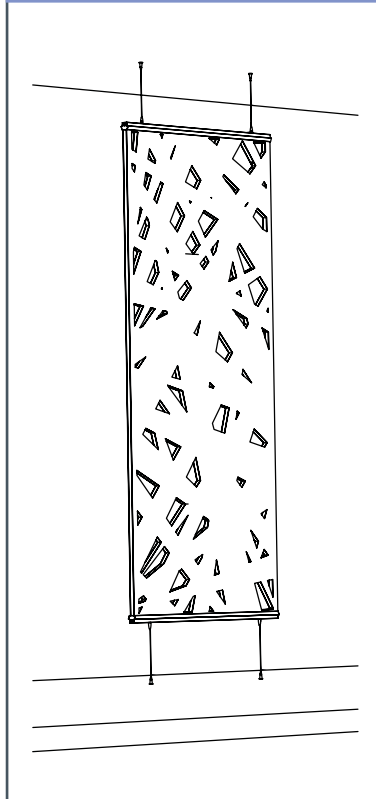
As functional as it is versatile, the Verto mounting system with the Allora Collection brings your design vision to life, while offering all the signature acoustic benefits you can expect from any product.

See the Innovasia Acoustics installation guide for complete details.

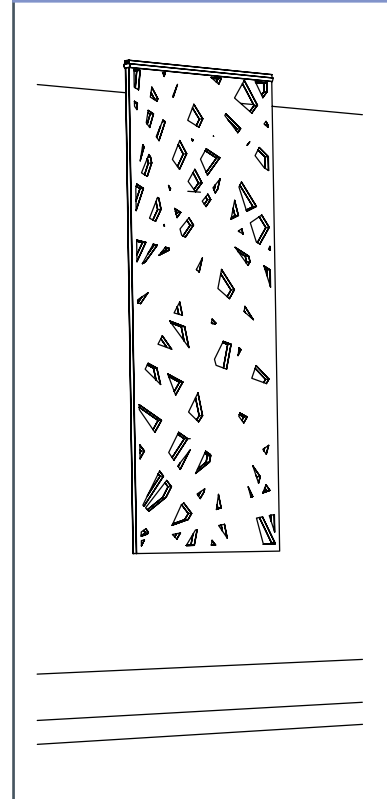
Suspended



Tension



Direct Fixed



DREAM
BIG

WORK
HARD

Time



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





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