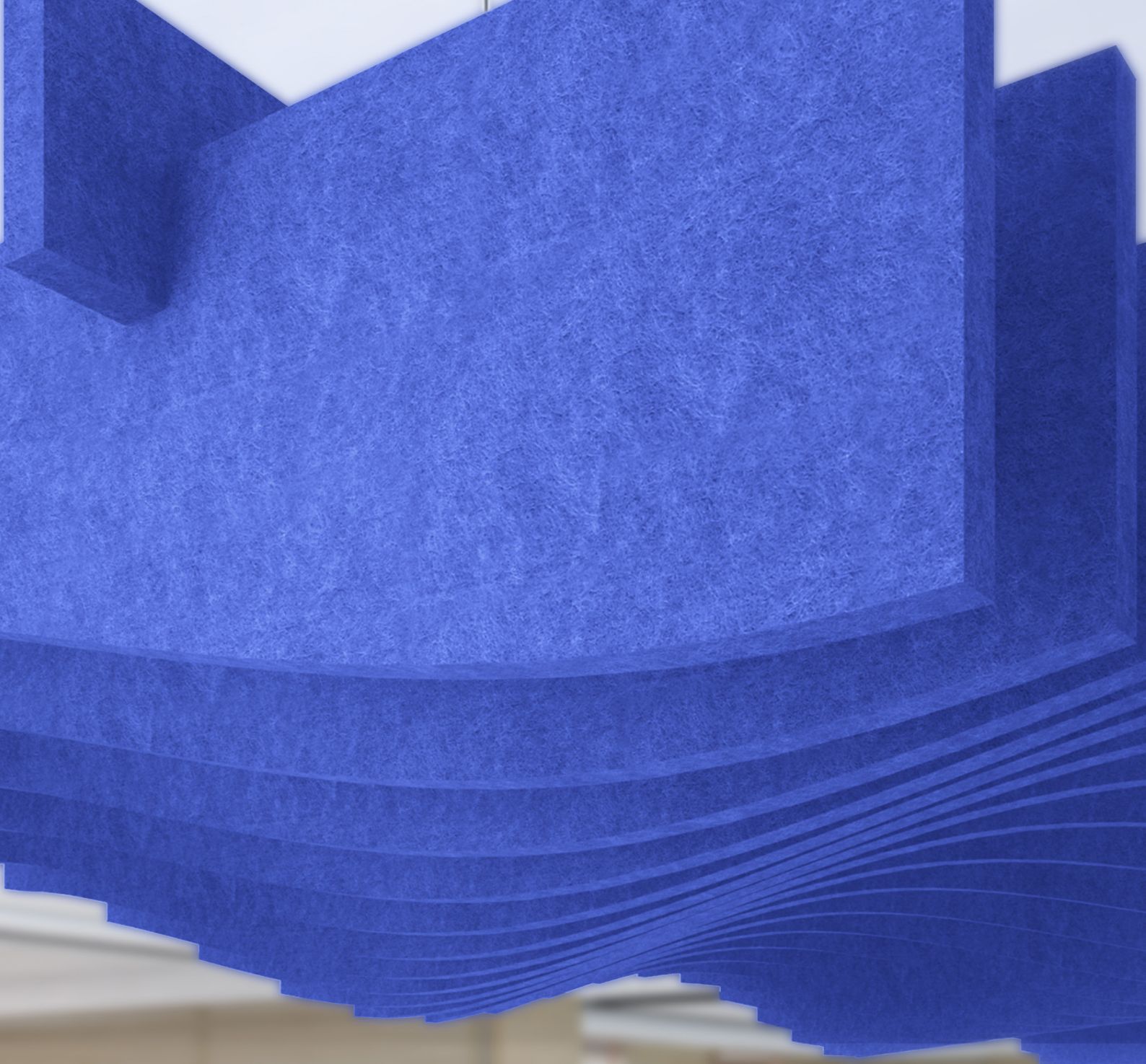




THE
ACOUSTICS
COMPANY

CANOPY

Modular Baffles

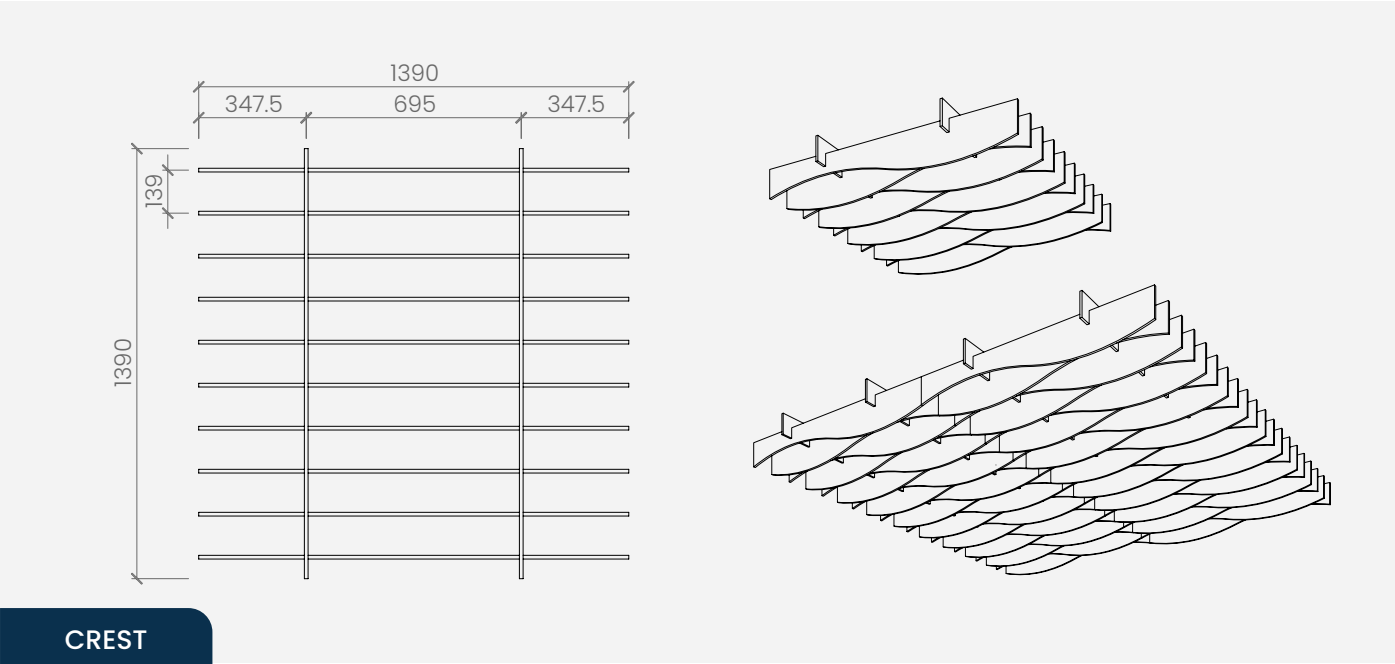


PRODUCT INFO

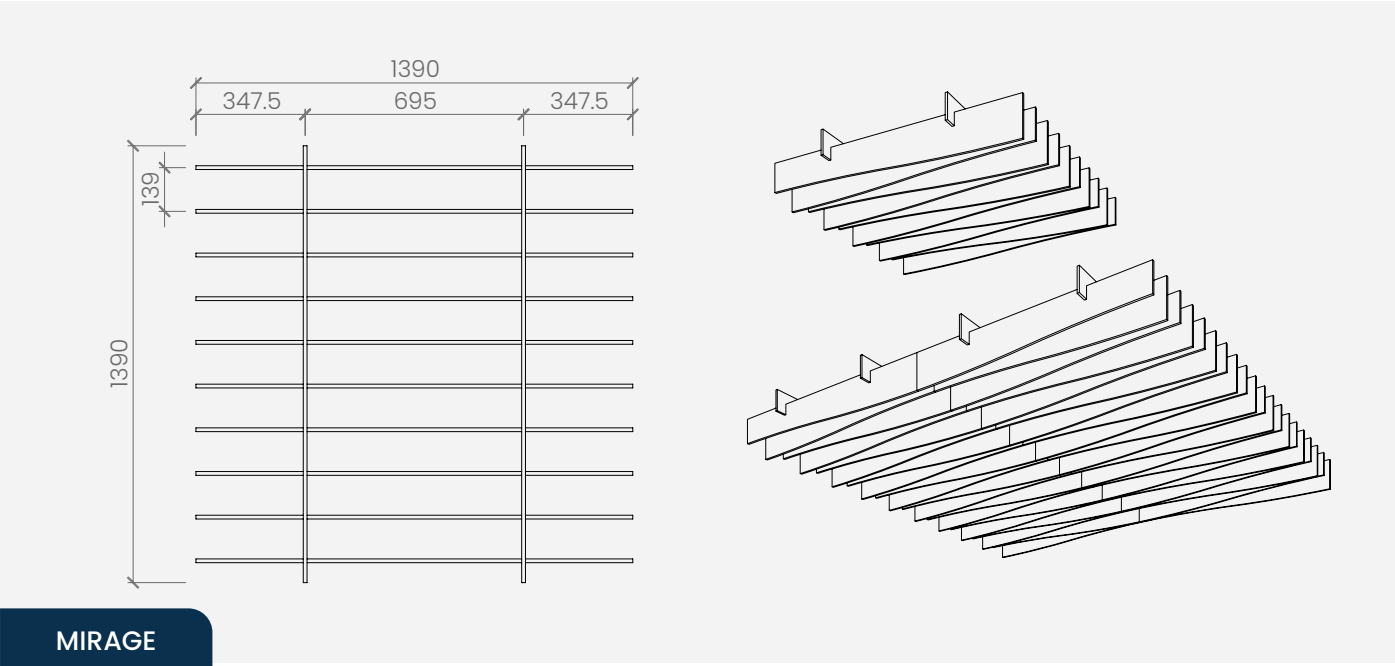
Canopy reimagines traditional baffle designs into a compact, modular, and easy-to-install format. Designed to transform expansive ceiling spaces, it creates captivating focal points that combine aesthetic appeal with acoustic functionality.

Ideal for **breakout spaces and workstations**, Canopy enhances both visual and auditory comfort in modern interiors. By integrating standard modular baffles, it allows for the customisation of ceiling designs, emphasising specific areas while improving overall acoustic performance. With its versatile configuration options, Canopy gives you the freedom to explore endless design possibilities and bring your unique vision to life.

CANOPY DESIGNS



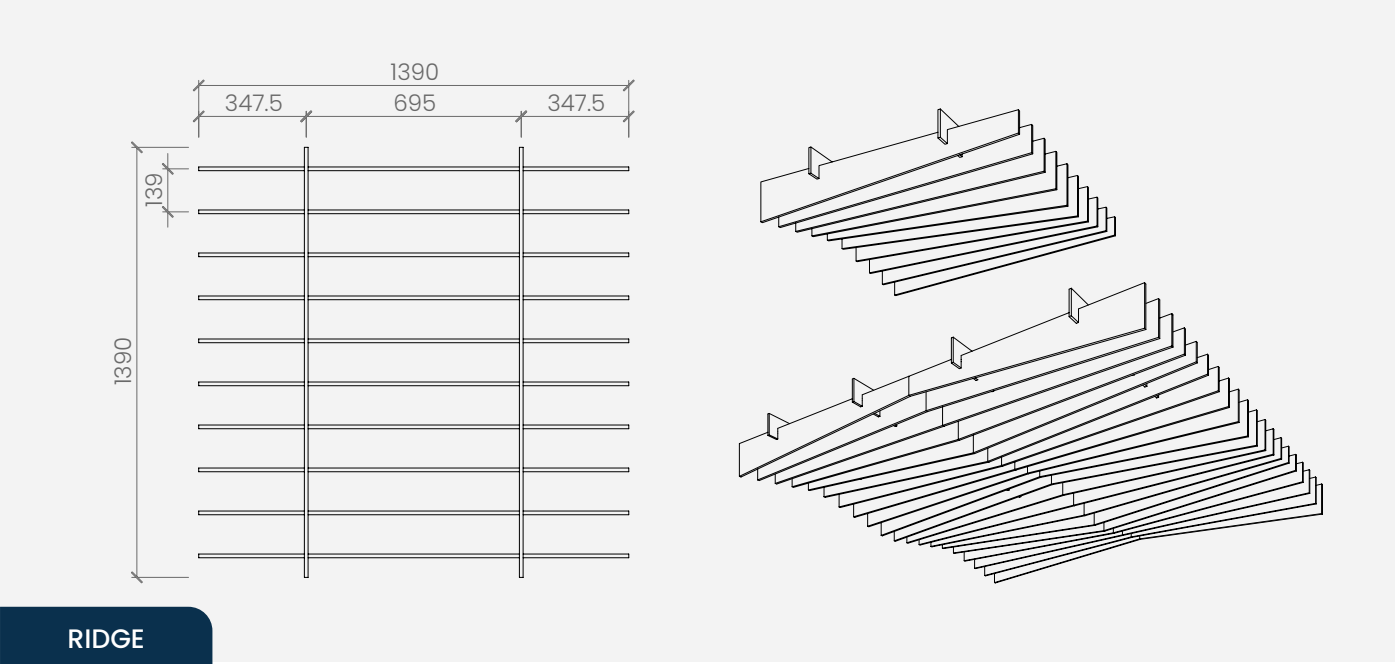
Available Heights: 262.5mm and 312.5mm



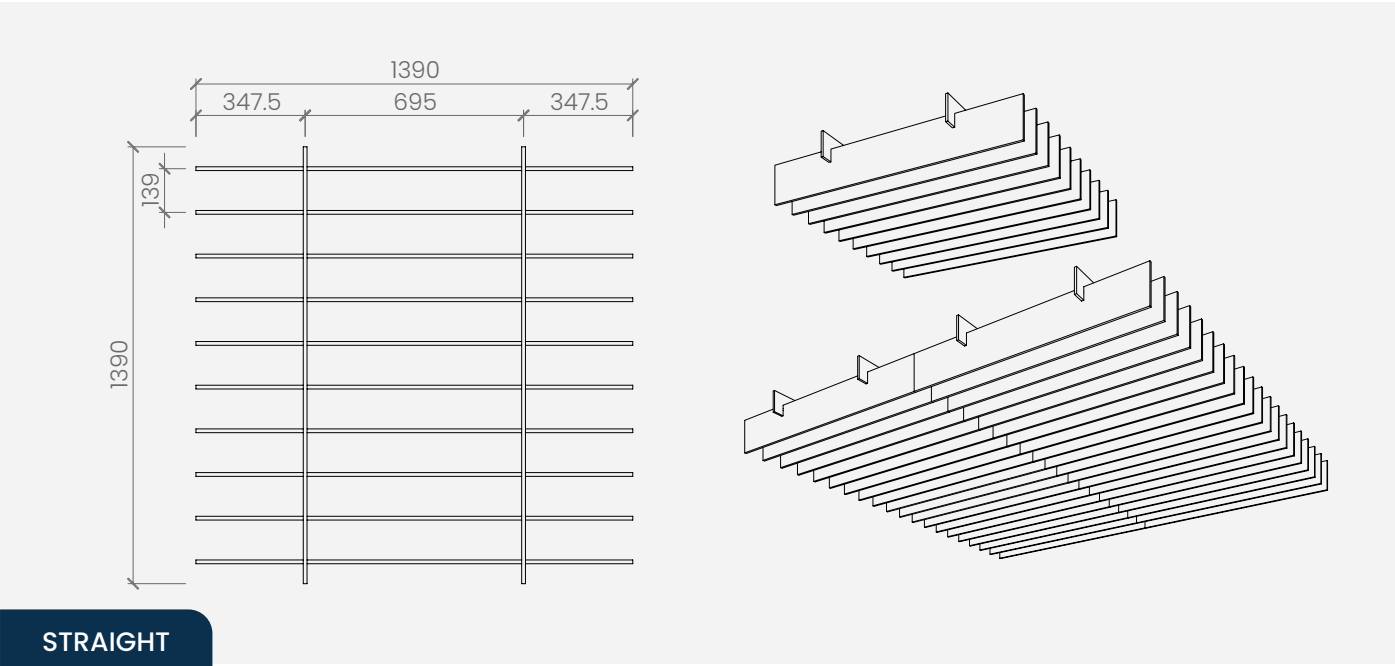
Available Heights: 262.5mm and 292.5mm

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Crest	03CTCAN-CRE000	Dimensions shown above	12mm/24mm
Mirage	03CTCAN-MIR000	Dimensions shown above	12mm/24mm

CANOPY DESIGNS



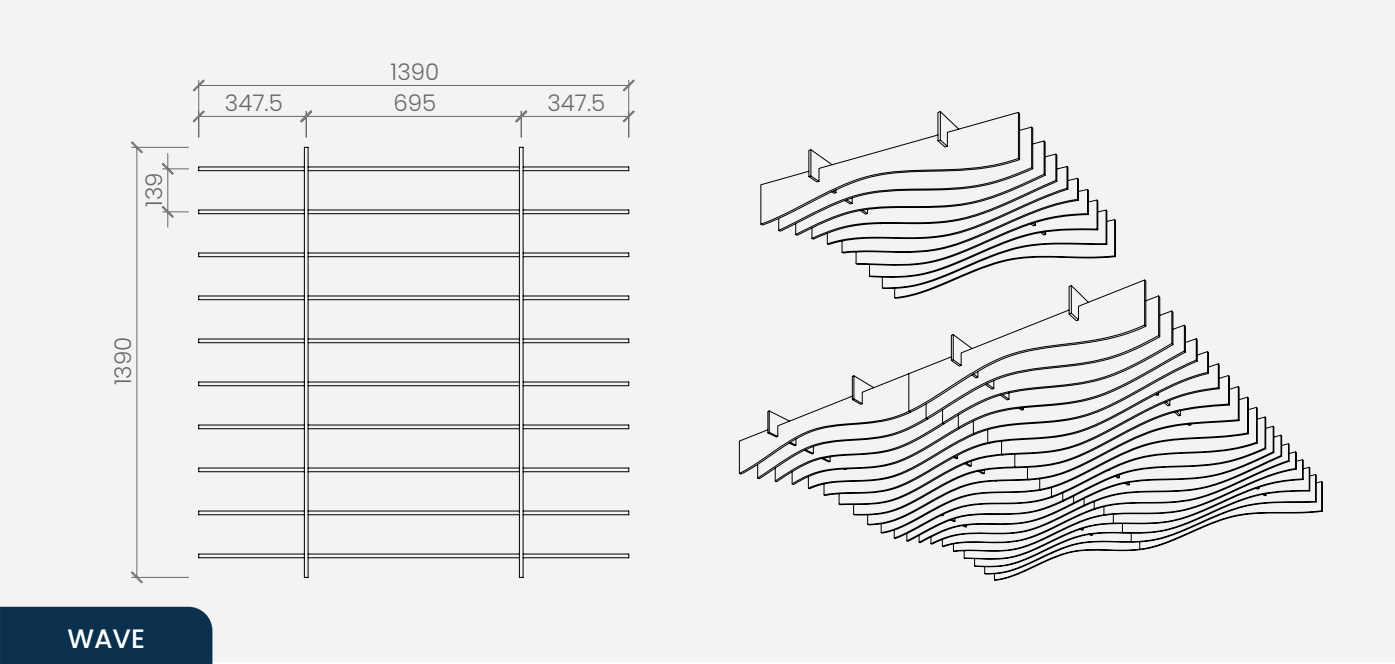
Available Heights: 262.5mm and 312.5mm



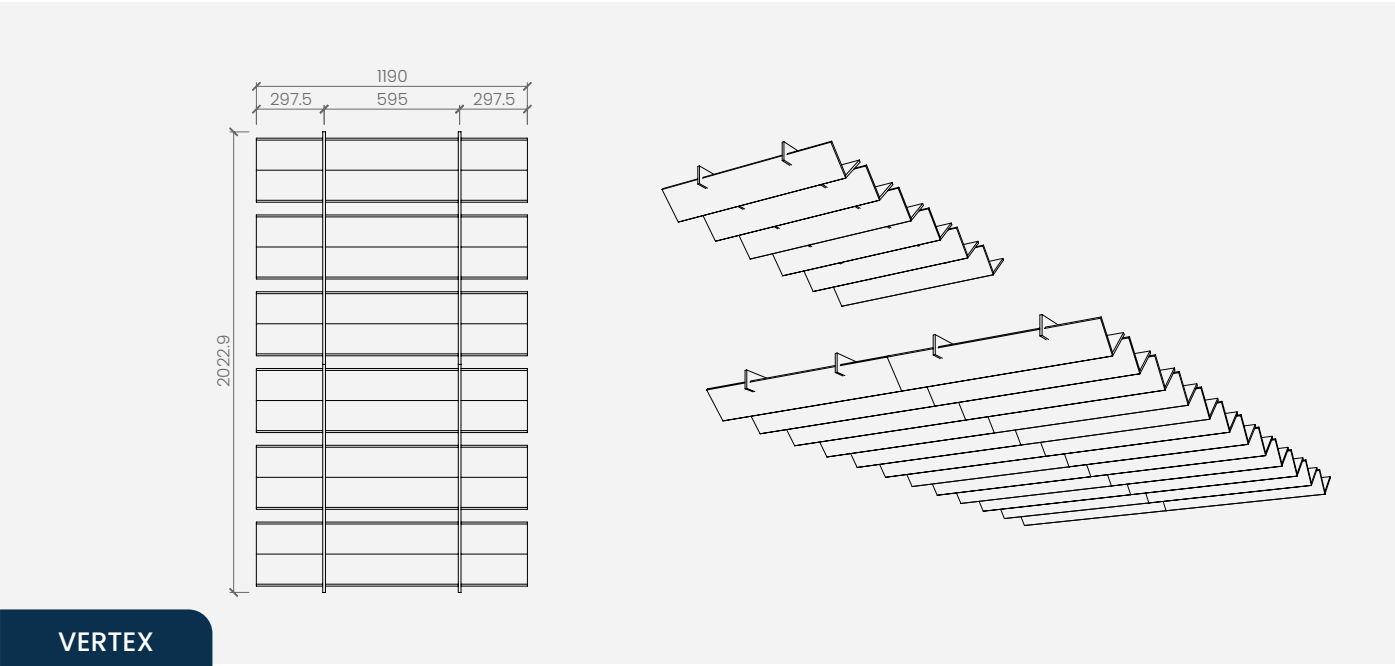
Available Heights: 262.5mm

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Ridge	03CTCAN-RID000	Dimensions shown above	12mm/24mm
Straight	03CTCAN-STR000	Dimensions shown above	12mm/24mm

CANOPY DESIGNS



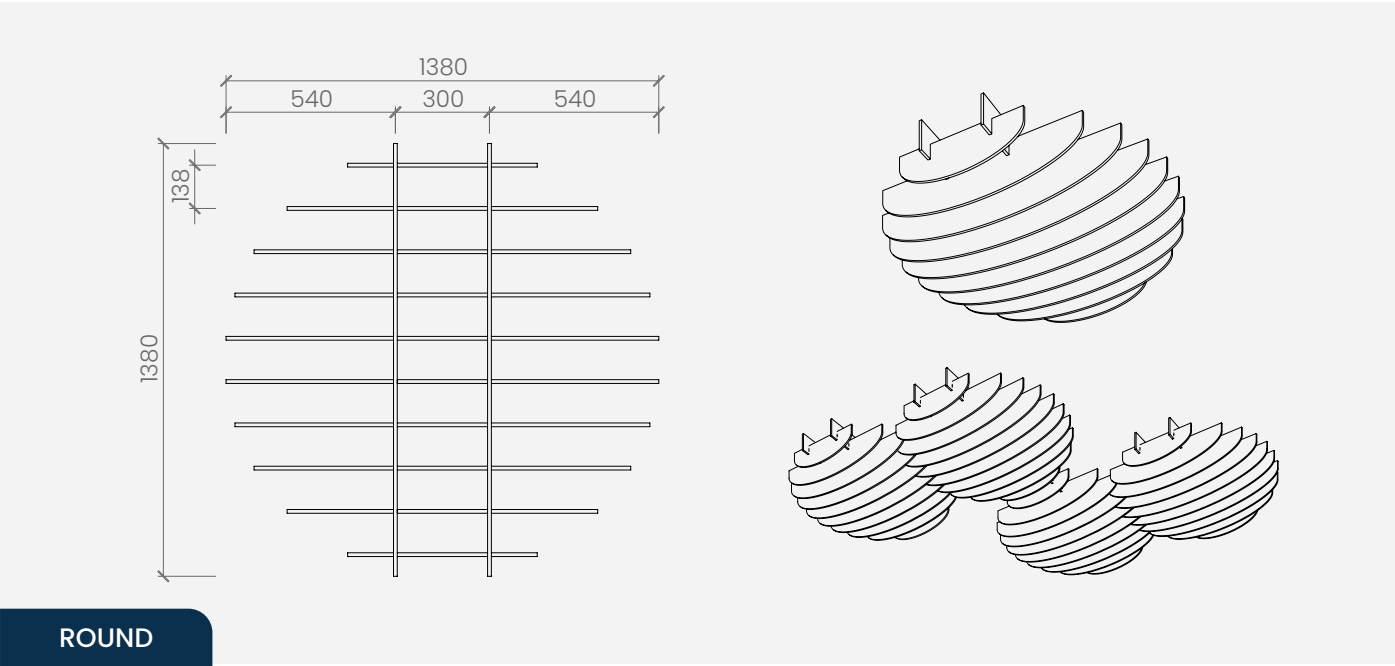
Available Heights: 262.5mm and 312.5mm



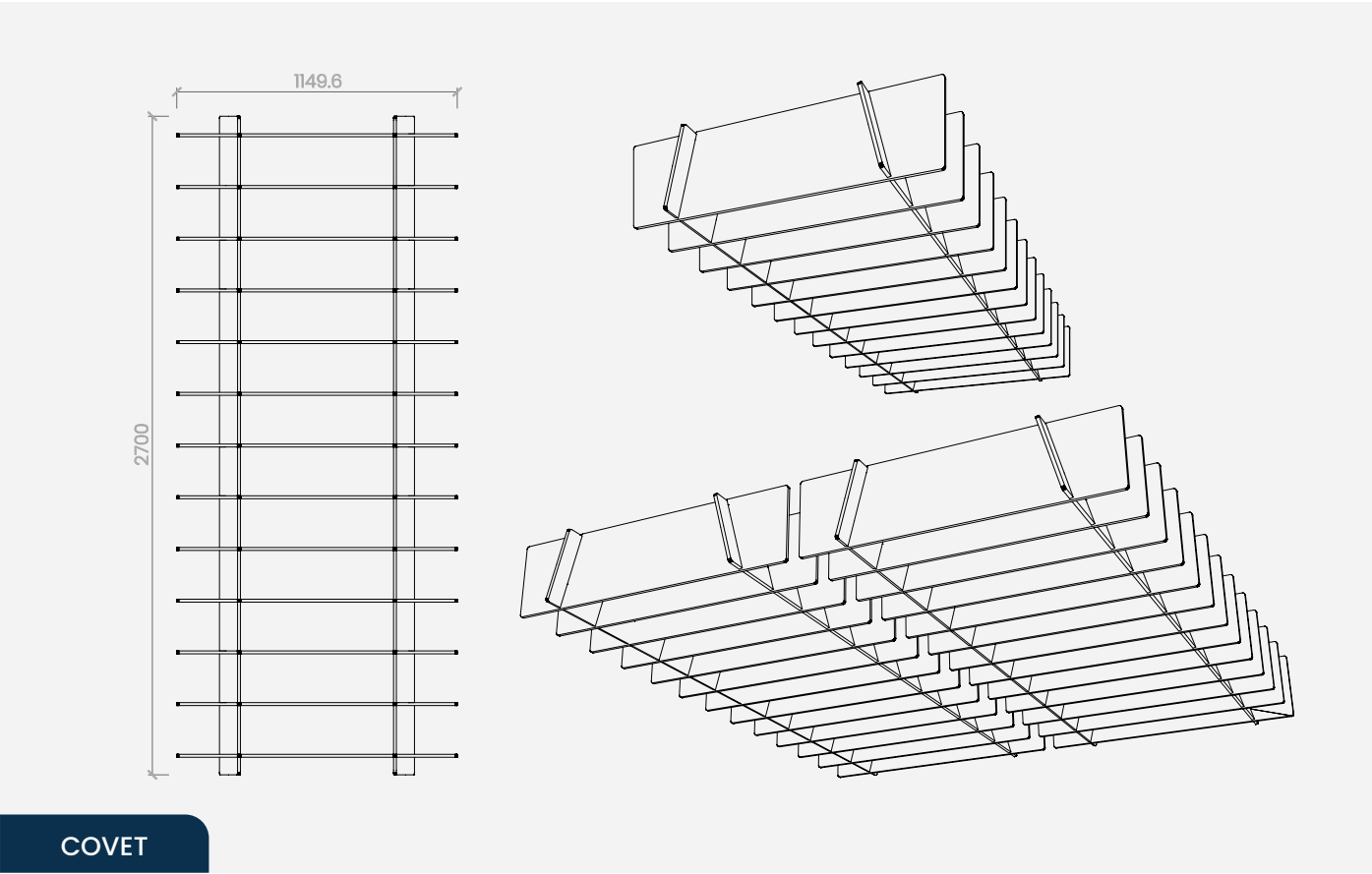
Available Heights: 200mm

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Wave	03CTCAN-WAV000	Dimensions shown above	12mm/24mm
Vertex	03CTCAN-VER000	Dimensions shown above	12mm/24mm

CANOPY DESIGNS



Available Heights: 292.5mm



Available Heights: 290mm

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Round	03CTCAN-ROU000	Dimensions shown above	12mm/24mm
Covet	03CTCAN-COV000	Dimensions shown above	12mm/24mm

MATERIAL INFORMATION

COMPOSITION:	75% Recycled PET Fibre 25% Virgin Fibre
FIRE RATING:	12mm DIN EN 13501-1 B-s1, d0 24mm DIN EN 13501-1 B-s2, d0
DENSITY:	2.4kg/m ² (12mm) / 3.8kg/m ² (24mm)
ACOUSTICS:	Class A, C, and D Absorber

*Our Alpha panels have a Thickness Tolerance of ±1 mm and a Length & Width Tolerance of ±3 mm



FINISHES

Canopy is made with high quality recycled PET panels. The selection has different colours that would compliment any interior space and concept. Please refer to the QR codes below:



Finishes

Scan the code or visit
www.acousticscompany.com/finishes



Catalogue

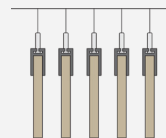
Scan the code or visit
<https://acousticpanels.co.uk/wp-content/uploads/2025/09/PRODUCT-BROCHURE-2025.pdf>

INSTALLATION

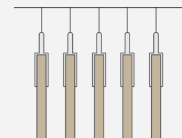
The Acoustics Company cater for all project budgets and have multiple fixing methods.

Canopy baffle system can be installed using the following method:

TECH RAIL



SKY ANCHOR



DESIGN TIPS

These are just some design tips you can do in order to maximise the full potential of our Canopy products:

1. Take advantage of the modular nature of baffle systems to create customizable designs that suit specific aesthetic and functional requirements.
2. Explore options to integrate lighting fixtures within or behind the baffle system to enhance the overall ambiance and functionality of the space.
3. Canopy can use the 12mm PET panel but the 24mm thickness provides the best acoustic comfort.
4. Ensure easy access for installation, maintenance, and potential adjustments of the baffle system, especially in areas where equipment or utilities may require periodic access.

ACOUSTIC PERFORMANCE

The acoustic performance of materials refers to their ability to absorb, reflect, or transmit sound waves. This concept is crucial in architecture, interior design, and engineering, as it determines how sound behaves in a space. Materials with good acoustic performance can reduce noise levels, improve speech intelligibility, and create more comfortable and functional environments by controlling reverberation and sound transmission.

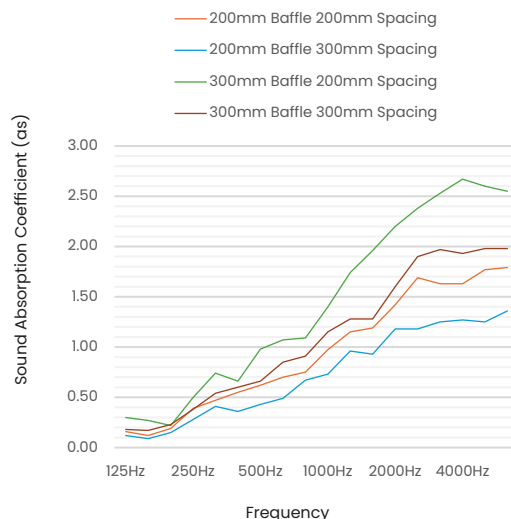
TESTING STANDARDS

ISO 354	Measurement of sound absorption in a reverberation room
ISO 11654	Sound absorbers for use in buildings – Rating of sound absorption
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ACOUSTICS:	Sound absorbers for use in buildings – Rating of sound absorption

EXTRAPOLATED BAFFLE SYSTEMS	aw	NRC	CLASS
200mm Baffle 200mm Spacing	0.70(MH)	0.95	C
200mm Baffle 300mm Spacing	0.60(MH)	0.75	C
300mm Baffle 200mm Spacing	0.95(MH)	1.45	A
300mm Baffle 300mm Spacing	0.80(MH)	1.10	B

For aw, it is strongly recommended to use this single-number rating in combination with the complete sound absorption curve that can be obtained on request.

FREQUENCY (Hz)	125	250	500	1000	2000	4000
200mm Baffle 200mm Spacing	0.15	0.45	0.70	1.10	1.60	1.75
200mm Baffle 300mm Spacing	0.10	0.35	0.55	0.85	1.20	1.30
300mm Baffle 200mm Spacing	0.25	0.65	1.05	1.70	2.35	2.60
300mm Baffle 300mm Spacing	0.20	0.50	1.80	1.25	1.80	1.95



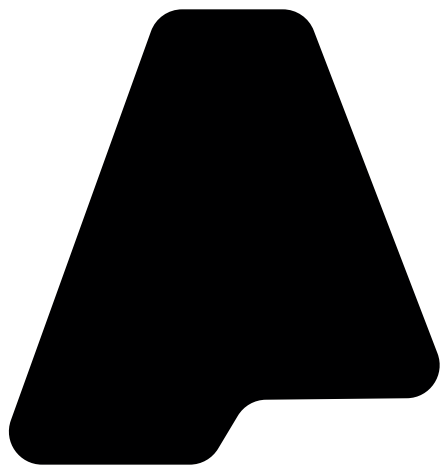
Weighted Sound Absorption Coefficient (aw) – Measured in accordance with ISO 11654. Practical sound absorption coefficient ap values at given standard frequencies are compared with reference curve aw.

Noise Reduction Coefficient (NRC) – The mean average as value at frequencies 250, 500, 1000 and 2000 Hz.

Absorption Class – Levels of comparison of absorption values against a reference curve with A as highest and E as lowest. Measured in accordance with ISO 11654.

Practical Sound Absorption Coefficient (ap) – The average of the three as values centered on the 1/3 octave band center frequency, measured in accordance with EN ISO 354.

Note: The sound absorption values provided in this product sheet are subject to change without prior notice from The Acoustics Company. For the most current and accurate technical specifications, please contact our Sales Team directly.



THE **ACOUSTICS** COMPANY



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