THE ACOUSTICS COMPANY

ATMOS

Ceiling Rafts

PRODUCT INFO

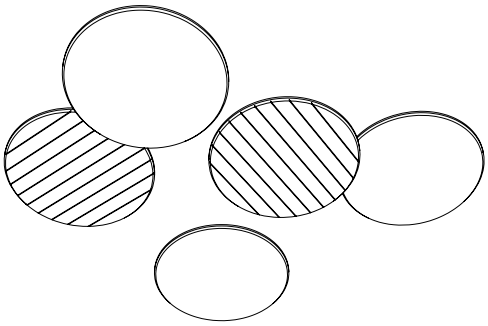
Add a new dimension to your interior space with Atmos, a dynamic acoustic raft system offering a choice of geometric shapes in vibrant colour combinations. Designed for versatility, Atmos can be configured in endless formations to suit your design vision.

Manufactured from **high-quality recycled PET panels, with 75% post-consumer recycled content, Atmos not only enhances acoustic performance but also supports sustainable building** practices. The material effectively dampens reverberation and allows for custom-cut shapes, ensuring each raft is tailored to your needs.

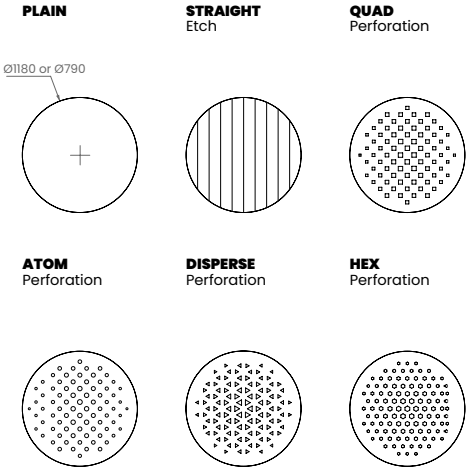
With an adjustable suspension system, Atmos can be positioned directly above noise sources, delivering a finely tuned, high-performance acoustic solution that combines aesthetics with sustainability.

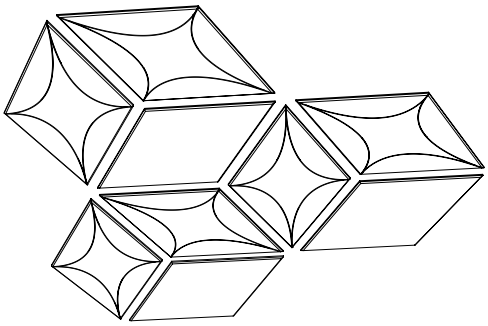
PRODUCT	ARTICLE	DIMENSION	THICKNESS
Circle	03CTATM-CIR000	Dimension as shown	24mm
Diamond	03CTATM-DIA000	Dimension as shown	24mm
Hexagon	03CTATM-HEX000	Dimension as shown	24mm
Rectangle	03CTATM-REC000	Dimension as shown	24mm
Square	03CTATM-SQU000	Dimension as shown	24mm
Triangle	03CTATM-TRI000	Dimension as shown	24mm

ATMOS DESIGNS

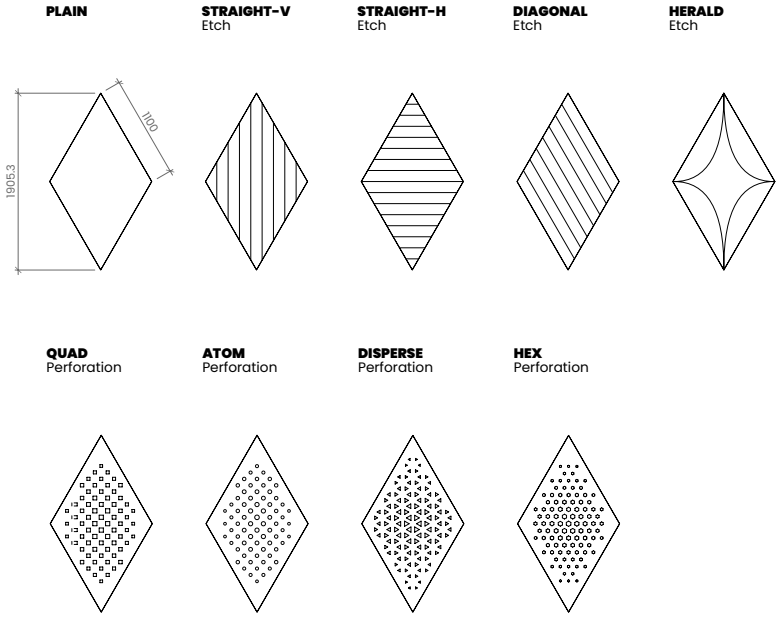


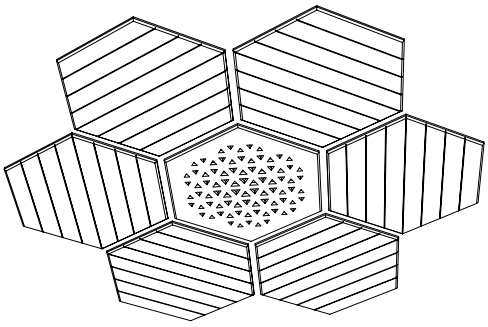
CIRCLE



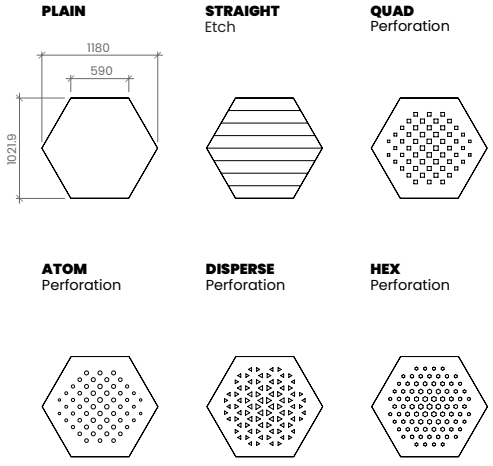


DIAMOND





HEXAGON



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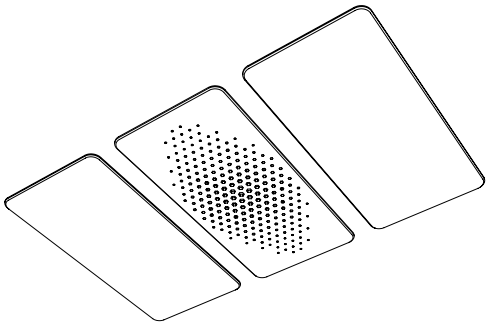
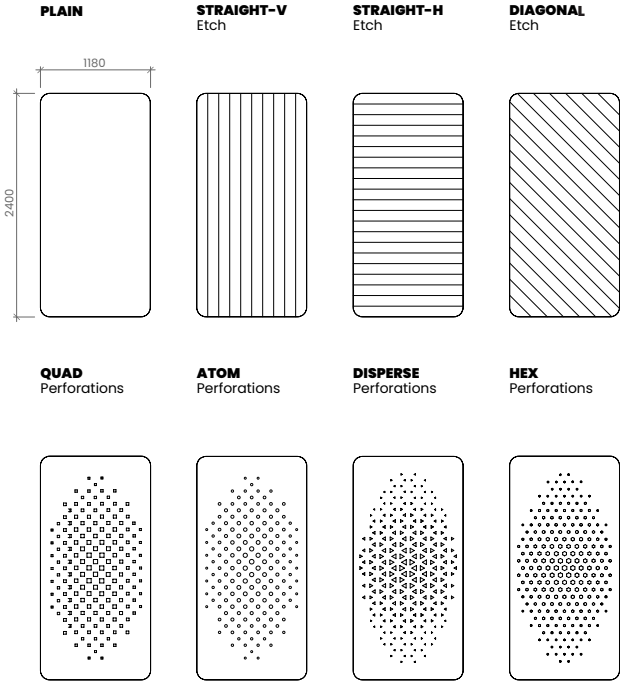
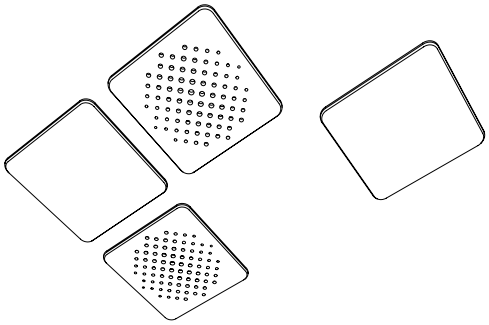
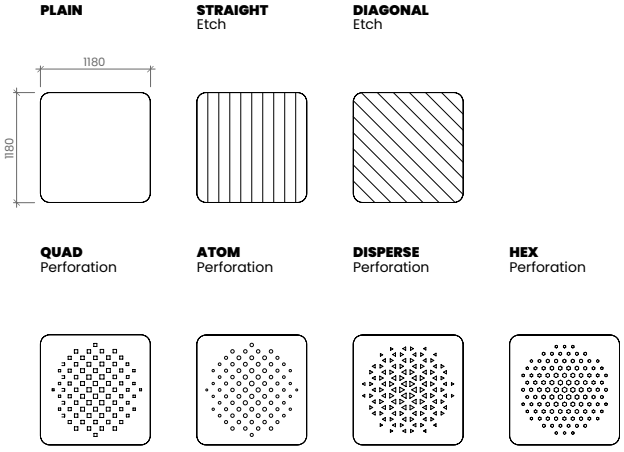


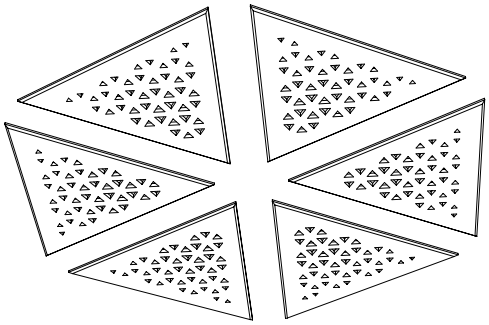
RECTANGLE



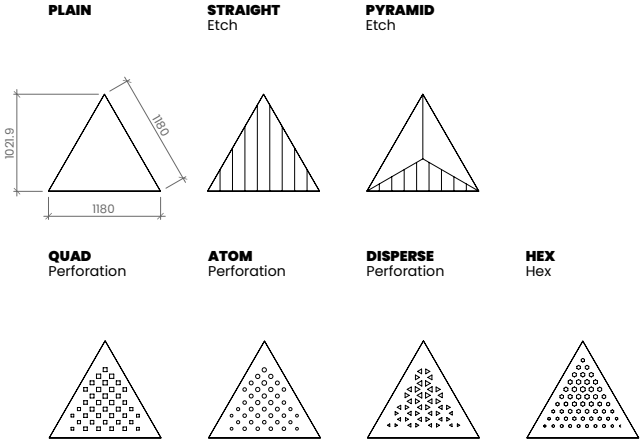


SQUARE





TRIANGLE



MATERIAL INFORMATION

COMPOSITION:	75% Recycled PET Fibre | 25% Virgin Fibre
FIRE RATING:	12mm EN13501-1:2007+A1:2009 B - S1, D0
DENSITY:	3.8kg/m² (24mm)
ACOUSTICS:	Class A Absorber

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

FINISHES

Atmos 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

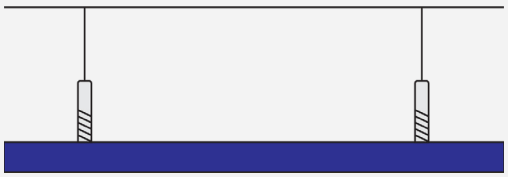
Catalogue
Scan the code or visit
https://acousticpanels.co.uk/wp-content/uploads/2025/09/PRODUCT-BROCHURE-2025.pdf

INSTALLATION

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

Atmos ceiling rafts can be installed using the following method:

HELIX SUSPENSION



DESIGN TIPS

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

1. Determine the size and shape of the rafts based on the room dimensions and acoustic requirements. Larger rafts generally provide more surface area for sound absorption.
2. Experiment with various shapes such as rectangular, square, or even irregular shapes to add visual interest while maintaining acoustic performance.
3. Explore different colors and finishes for the PET panels to match the overall design scheme of the space. Atmos is available to have Etch designs and Perforations.
4. Keep in mind that lighter colors tend to reflect more light, making the space feel brighter, while darker colors can add depth and contrast.
5. Design the rafts for easy accessibility if maintenance or adjustments are needed in the future. Incorporate access panels or removable sections where necessary.

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.

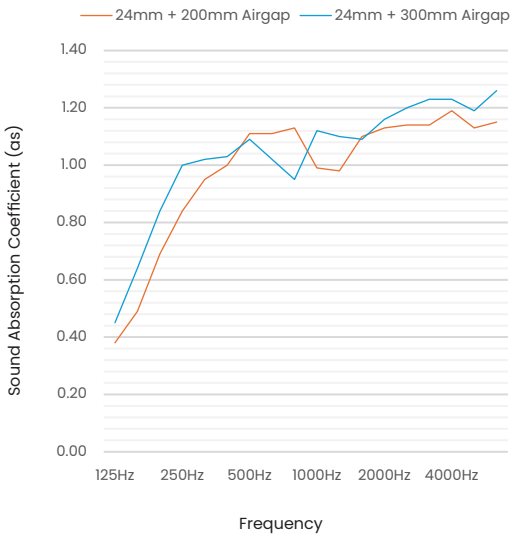
TESTING STANDARDS

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

ACOUSTICALLY TESTED ATMOS	aw	NRC	CLASS
24mm + 200mm Airgap	1.00	1.05	A
24mm + 300mm Airgap	1.00	1.10	A

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
24mm + 200mm Airgap	0.50	0.95	1.00	1.00	1.00	1.00
24mm + 300mm Airgap	0.65	1.00	1.00	1.00	1.00	1.00



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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