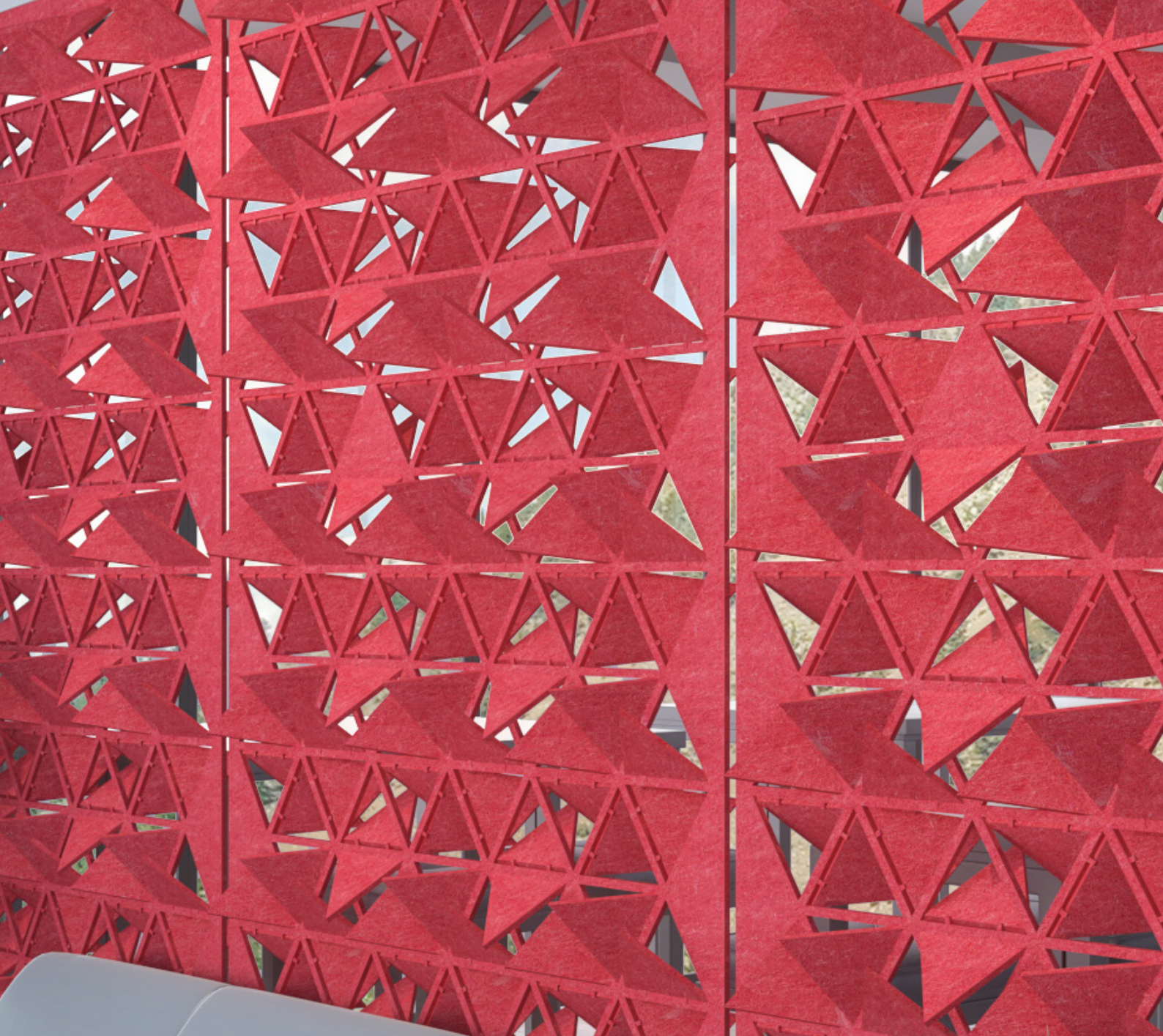




THE
ACOUSTICS
COMPANY

FLEX

Room Partitions

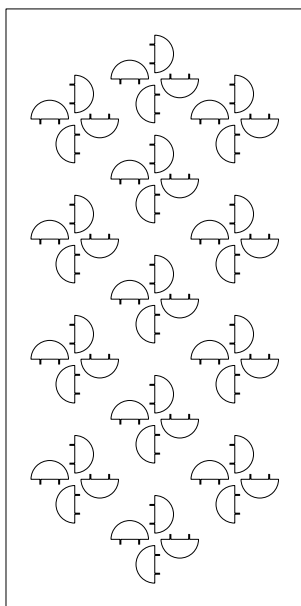


PRODUCT INFO

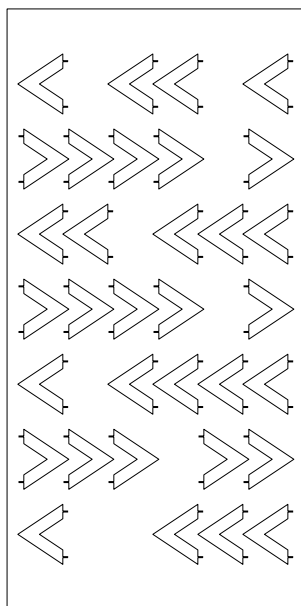
Flex is an art tapestry that provides nuance and comfort in any space through its sophisticated design collection. The versatility of cut-out designs and patterns enhances not just privacy but also aesthetic appeal, allowing you to customize your space effortlessly. Flex is available as a full hanging divider or modular hanging divider with different installation methods.

The flexibility of this product matches any creative concepts that intends to elevate any space to aesthetic elegance with superior acoustic performance.

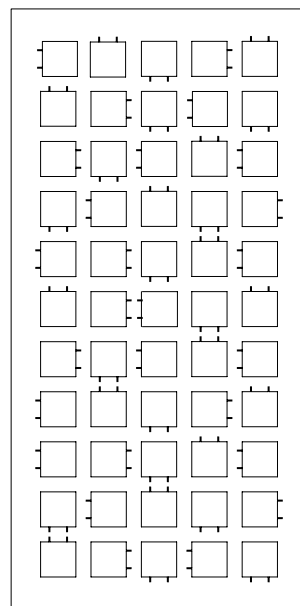
FLEX DESIGNS



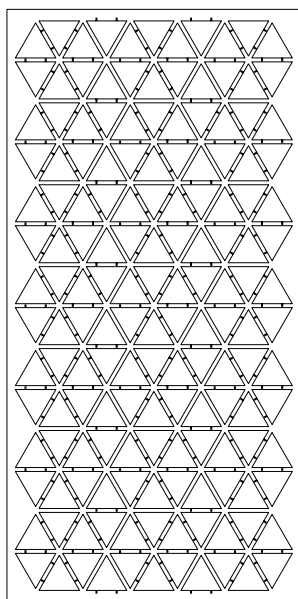
VANE



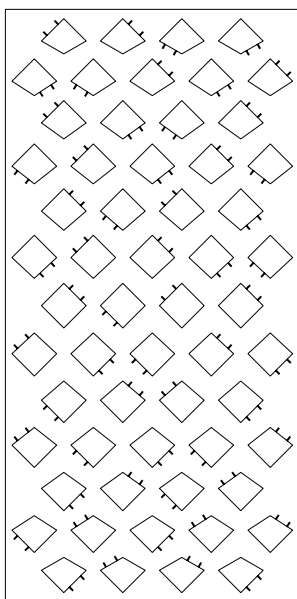
SURGE



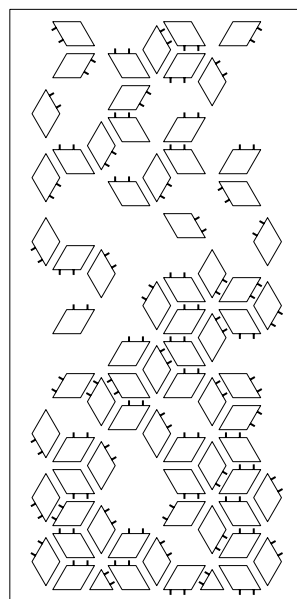
PIXELS



ARMADILLO



FLAKE



BURGEON

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Vane	06SDFLE-VAN000	1190mm x 2400mm	12mm
Surge	06SDFLE-SUR000	1190mm x 2400mm	12mm
Pixels	06SDFLE-PIX000	1190mm x 2400mm	12mm
Armadillo	06SDFLE-ARM000	1190mm x 2400mm	12mm
Flake	06SDFLE-FLA000	1190mm x 2400mm	12mm
Burgeon	06SDFLE-BUR000	1190mm x 2400mm	12mm

MATERIAL INFORMATION

COMPOSITION:	75% Recycled PET Fibre 25% Virgin Fibre
FIRE RATING:	12mm EN13501-1:2007+A1:2009 B – S1, D0
DENSITY:	2.4kg/m ² (12mm)
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

Flex 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

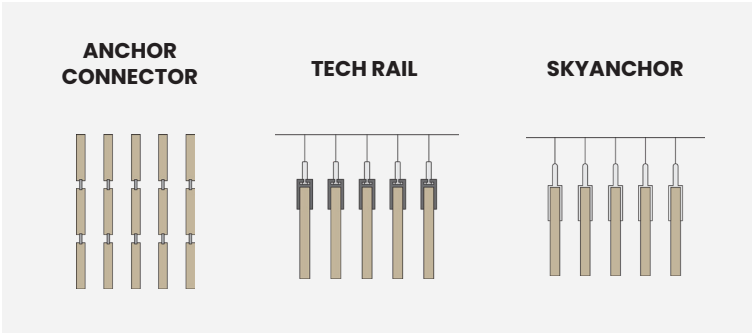


Catalogue
Scan the code or visit
<https://acousticpanels.co.uk/wp-content/uploads/2025/09/PRODUCT-BROCHURE-2025.pdf>

INSTALLATION

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

Flex room partition can be installed using the following method:



DESIGN TIPS

These are just some design tips you can do in order to maximize the full potential of our Flex product:

1. Consider the overall interior concept of the room and then find the most suitable cut-out that would compliment and elevate it to the next level!
2. Flex are good for large open office spaces that needs seperate areas and partitions.
3. Flex can be used as a backdrop of a personalized rooms and it can also be used as area covering to sensitive spaces like bathroom entrance or waiting rooms.
4. Consider the thickness of the panels based on the intended use and the weight they need to support. The ceiling must be able to carry the weight of the products that will be mounted on the ceiling.

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

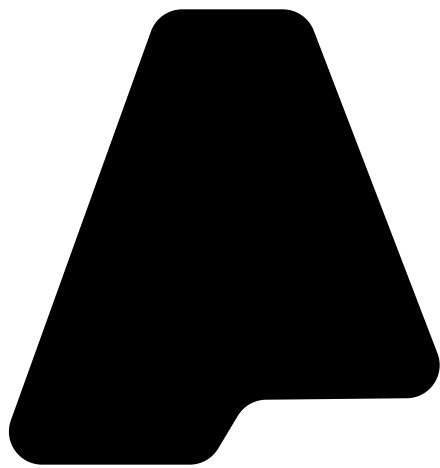
ISO 354	Measurement of sound absorption in a reverberation room
ISO 11654	Sound absorbers for use in buildings – Rating of sound absorption
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ACOUSTICS:	Sound absorbers for use in buildings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

ACOUSTICALLY TESTED	α_w	NRC	CLASS
12mm Direct Fix	0.35(H)	0.45	D
12mm + 75mm Airgap	0.75(MH)	0.85	C
24mm Direct Fix	0.50(MH)	0.65	D
24mm + 75mm Airgap	0.90	1.00	A

For α_w , 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
12mm Direct Fix	0.00	0.10	0.30	0.55	0.80	1.00
12mm + 75mm Airgap	0.15	0.45	0.85	1.00	1.00	1.00
24mm Direct Fix	0.05	0.20	0.60	0.85	1.00	1.00
24mm + 75mm Airgap	0.25	0.60	1.00	1.00	1.00	1.00

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



 www.acousticscompany.com    [@theacousticscompany](https://www.instagram.com/theacousticscompany)

#ResonateBliss