



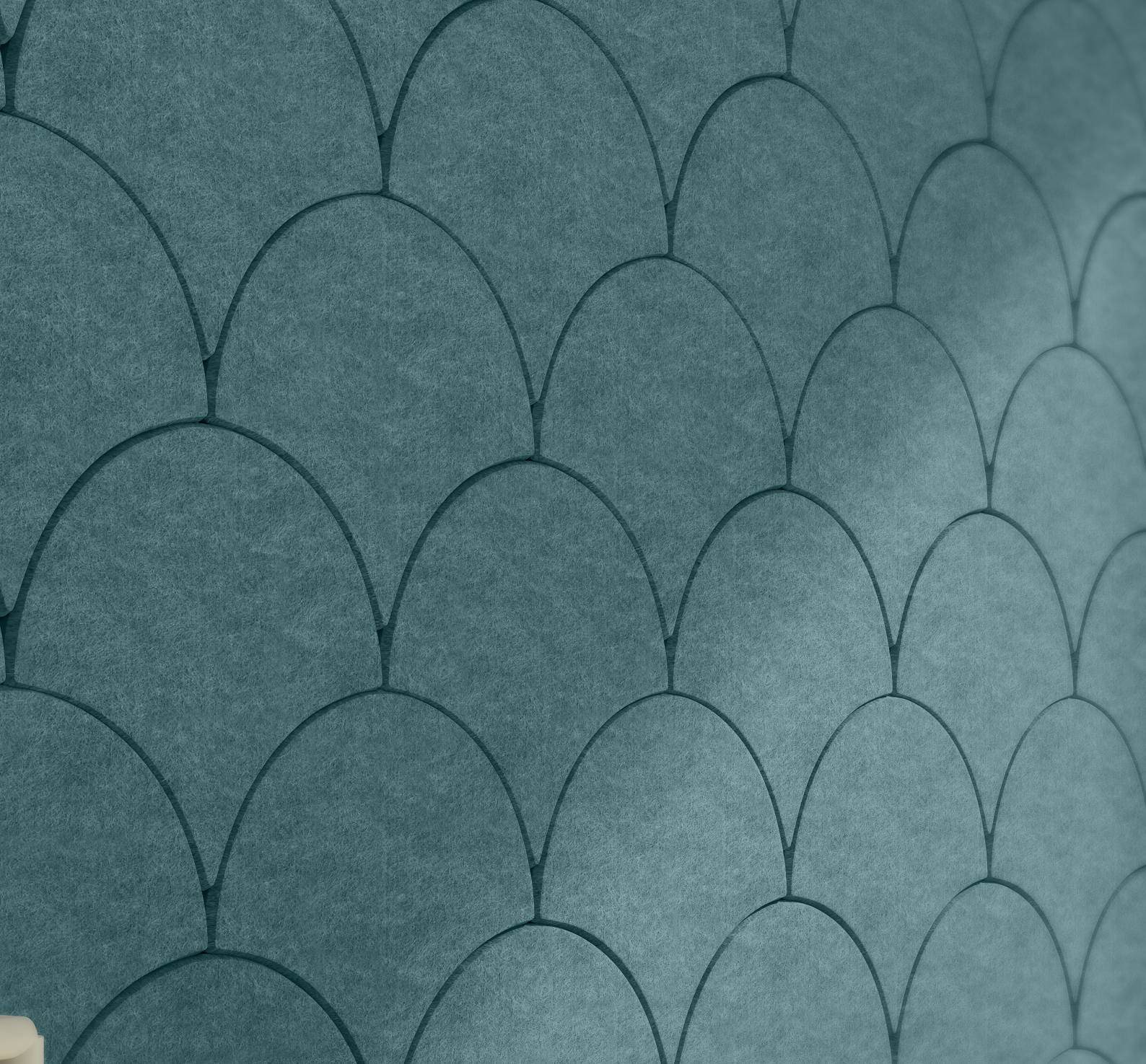
THE
ACOUSTICS
COMPANY



MOSAIC

Acoustic Panels





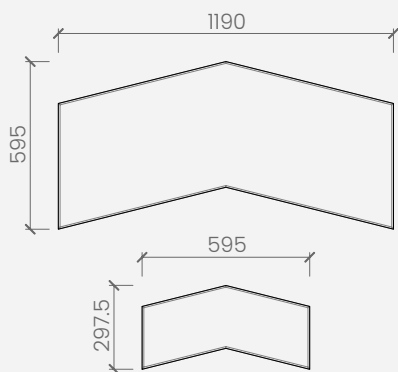
PRODUCT INFO

Mosaic is a decorative wall-mounted acoustic panel made from 100% recycled PET and is used to control reverberation and echo. Mosaic™ is available in a range of geometric shapes and a variety of sizes, allowing you to create bold design statements with limitless layout options.

Tiles are supplied with a self-adhesive backing for quick and easy installation, providing an affordable acoustic solution with infinite design possibilities.

MOSAIC DESIGNS

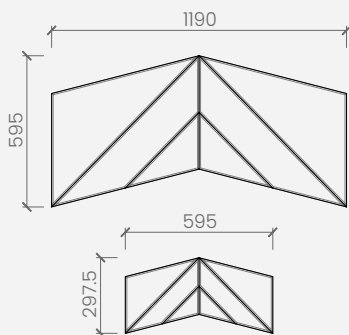
ARROW



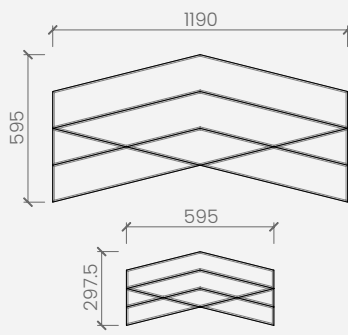
Standard Specifications

Thickness: 12/24mm
 Sizes: 595mm x 1190mm
 and 297.5mm x 595mm

Etched Variants

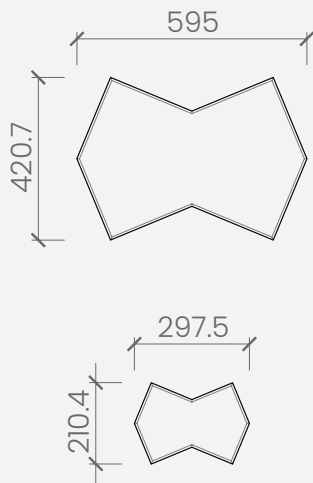


Arrow - 01



Arrow - 02

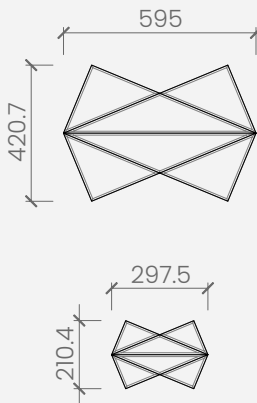
BOW TIE



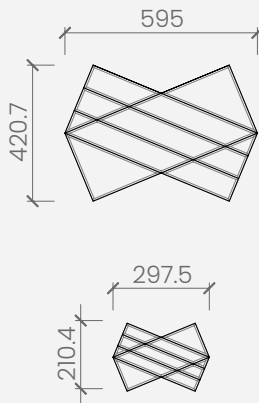
Standard Specifications

Thickness: 12/24mm
 Sizes: 595mm x 420.7mm
 and 297.5mm x 210.4mm

Etched Variants



Bow Tie - 01

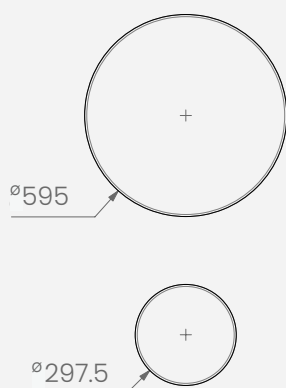


Bow Tie - 02

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Arrow	04WTMOS-ARR000	Modular dimension as shown	12mm/24mm
Bow Tie	04WTMOS-BTE000	Modular dimension as shown	12mm/24mm

MOSAIC DESIGNS

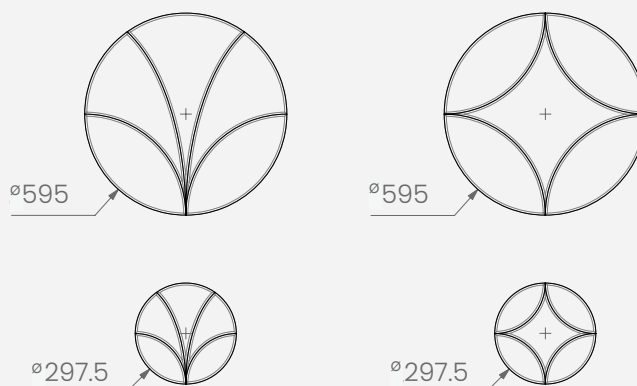
CIRCLE



Standard Specifications

Thickness: 12/24mm
 Sizes: D595mm
 and D297.5mm

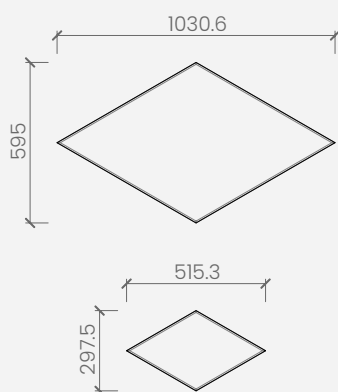
Etched Variants



Circle - 01

Circle - 02

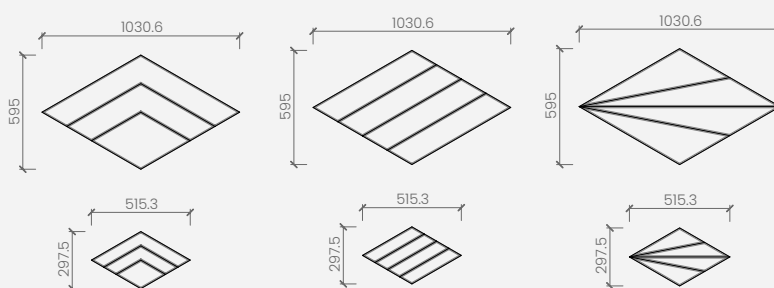
DIAMOND



Standard Specifications

Thickness: 12/24mm
 Sizes: 595 x 1030.6mm
 and 297.5mm x 515.3mm

Etched Variants



Diamond - 01

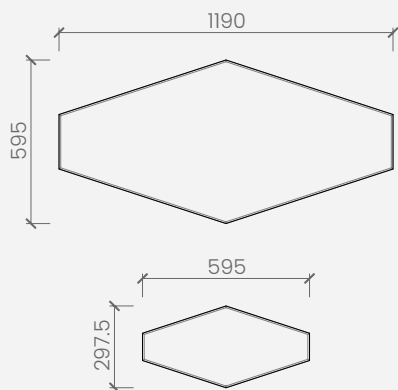
Diamond- 02

Diamond- 03

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Circle	04WTMOS-CIR000	Modular dimension as shown	12mm/24mm
Diamond	04WTMOS-DIA000	Modular dimension as shown	12mm/24mm

MOSAIC DESIGNS

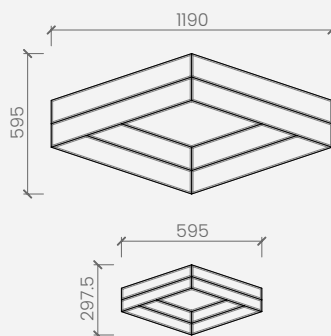
ELONGATED HEX



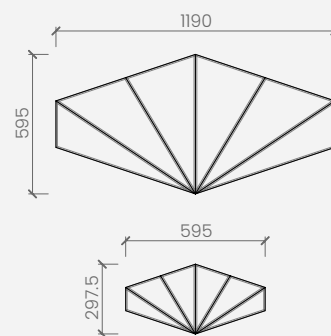
Standard Specifications

Thickness: 12/24mm
 Sizes: 595mm x 1190mm
 and 297.5mm x 595mm

Etched Variants

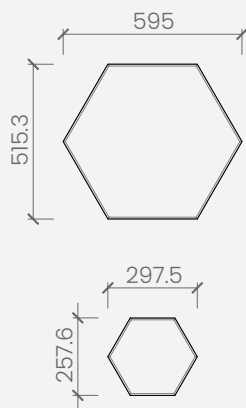


Elongated Hex - 01



Elongated Hex - 02

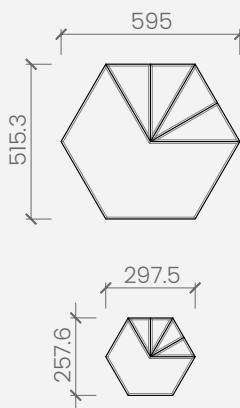
HEXAGON



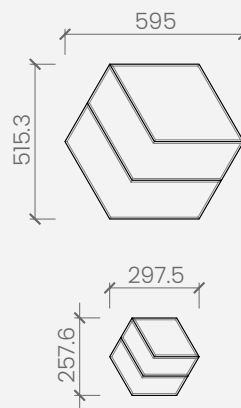
Standard Specifications

Thickness: 12/24mm
 Sizes: 595mm x 515.3mm
 and 297.5mm x 257.6mm

Etched Variants



Hexagon - 01

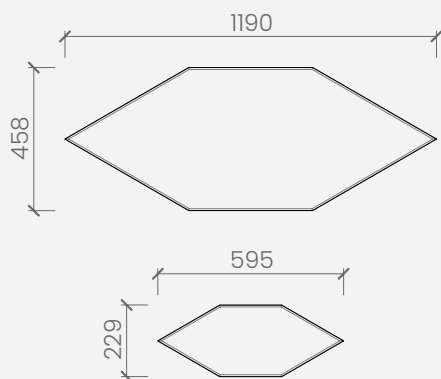


Hexagon - 02

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Elongated Hex	04WTMOS-EHX000	Modular dimension as shown	12mm/24mm
Hexagon	04WTMOS-HEX000	Modular dimension as shown	12mm/24mm

MOSAIC DESIGNS

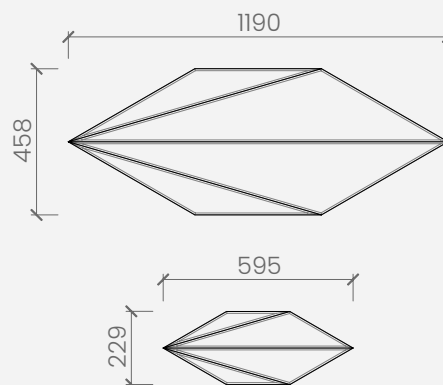
JEWEL



Standard Specifications

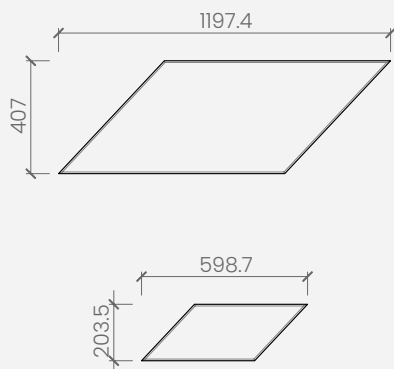
Thickness: 12/24mm
 Sizes: 458mm x 1190mm
 and 229mm x 595mm

Etched Variants



Jewel - 01

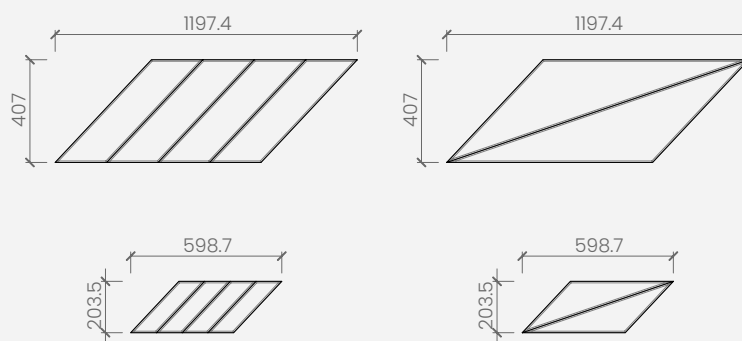
PARALLELOGRAM



Standard Specifications

Thickness: 12/24mm
 Sizes: 407mm X 1197.4mm
 and 203.5mm x 598.7mm

Etched Variants



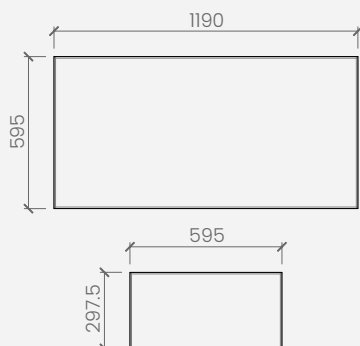
Hexagon - 01

Hexagon - 02

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Jewel	04WTMOS-JEW000	Modular dimension as shown	12mm/24mm
Parallelogram	04WTMOS-PAR000	Modular dimension as shown	12mm/24mm

MOSAIC DESIGNS

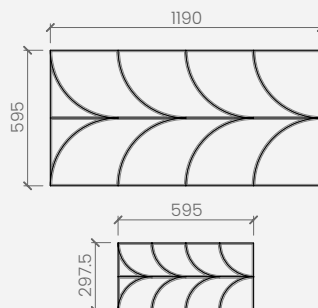
RECTANGLE



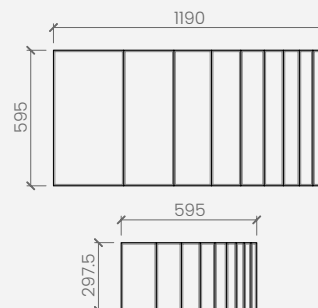
Standard Specifications

Thickness: 12/24mm
 Sizes: 595mm x 1190mm
 and 297.5mm x 595mm

Etched Variants

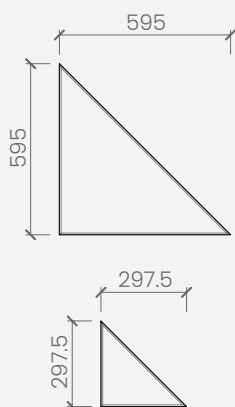


Rectangle - 01



Rectangle - 02

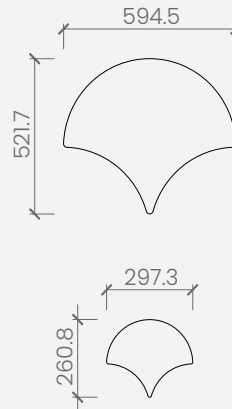
RIGHT ANGLE



Standard Specifications

Thickness: 12/24mm
 Sizes: 595mm x 595mm
 and 297.5mm x 297.5mm

SHELL



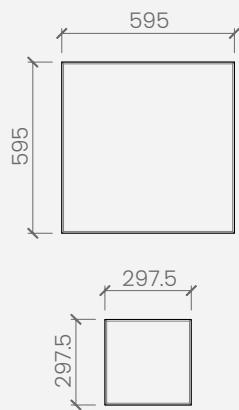
Standard Specifications

Thickness: 12/24mm
 Sizes: 595mm x 594.5mm x 521.7mm
 and 297.3mm x 260.8mm

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Rectangle	04WTMOS-REC000	Modular dimension as shown	12mm/24mm
Right Angle	04WTMOS-RAE000	Modular dimension as shown	12mm/24mm
Shell	04WTMOS-SHE000	Modular dimension as shown	12mm/24mm

MOSAIC DESIGNS

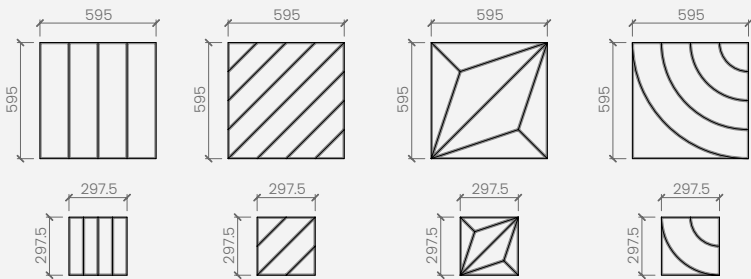
SQUARE



Standard Specifications

Thickness: 12/24mm
 Sizes: 595mm x 595mm
 and 297.5mm x 297.5mm

Etched Variants



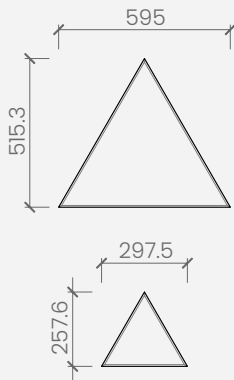
Square - 01

Square - 02

Square - 03

Square - 04

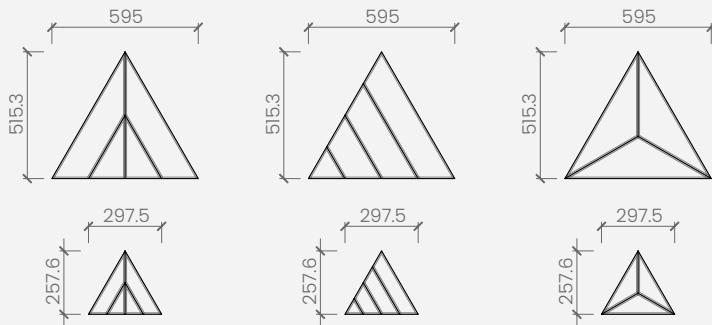
TRIANGLE



Standard Specifications

Thickness: 12/24mm
 Sizes: 595mm x 515.3mm
 and 297.5mm x 257.6mm

Etched Variants



Triangle - 01

Triangle - 02

Triangle - 03

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Square	04WTMOS-SQU000	Modular dimension as shown	12mm/24mm
Triangle	04WTMOS-TRI000	Modular dimension as shown	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 cutting tolerance of +- 3mm



FINISHES

Mosaic 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 code below:



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



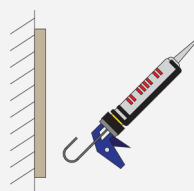
Catalogue
Scan the code or visit
<https://acousticscompany.com/wp-content/uploads/2025/03/PRODUCT-BROCHURE-2025.pdf>

INSTALLATION

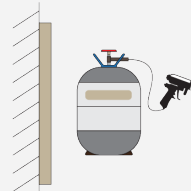
The Acoustics Company cater for all project budgets and have multiple fixing methods.

Mosaic wall covering can be installed using the following method:

**DIRECT FIX USING
Soudal Fix All (Hightack)**



**DIRECT FIX USING
CONTACT ADHESIVE**



DESIGN TIPS

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

1. Experiment with different colors and finishes for the PET panels to complement the etch patterns.
2. Consider the thickness of the PET panels based on the desired durability and visual impact of the etch patterns.
3. Create beautiful patterns by playing around with the shapes and their layout as well as colour combination.

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.

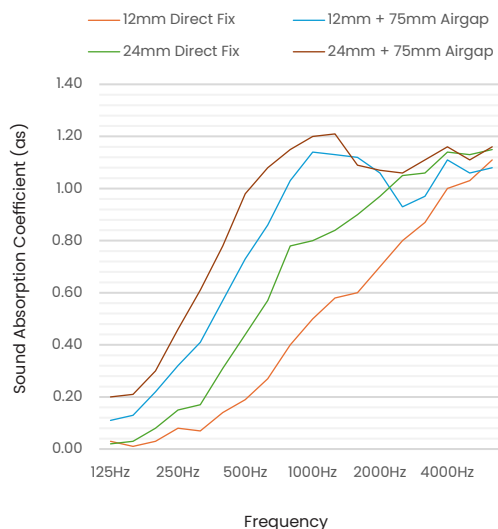
TESTING STANDARDS

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	aw	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 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
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



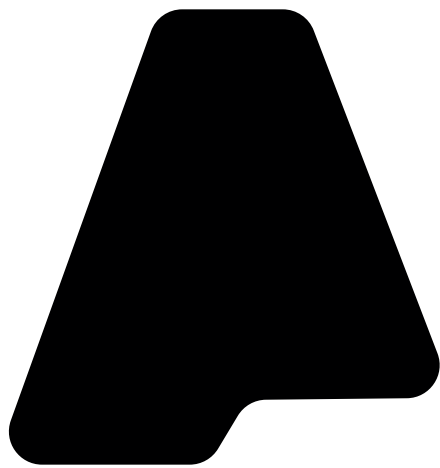
Weighted Sound Absorption Coefficient (aw) – Measured in accordance with ISO 11654. Practical sound absorption coefficient ap values at given standard frequencies are compared with reference curve aw.

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 αs 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



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

#ResonateBliss