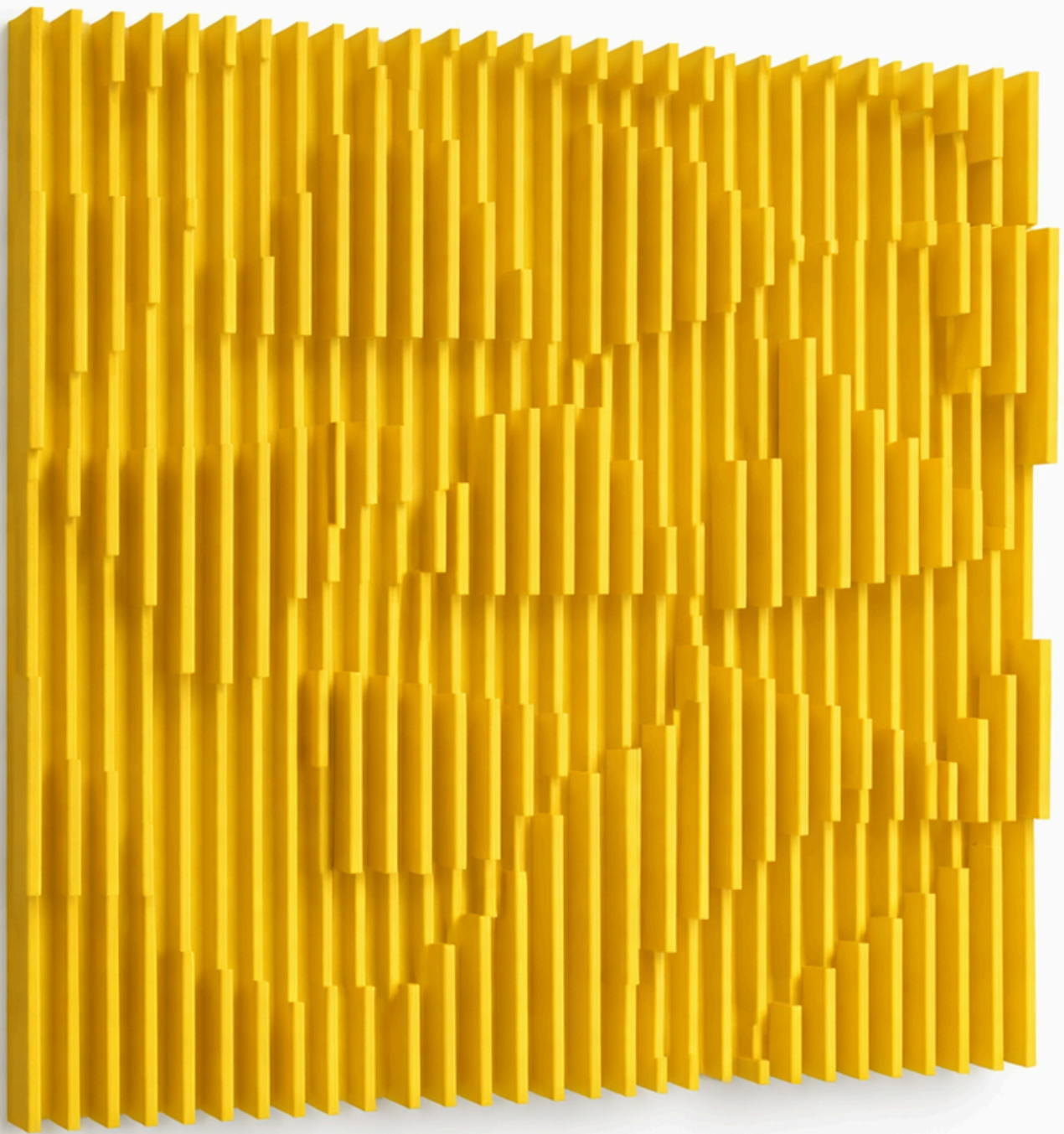




TONE

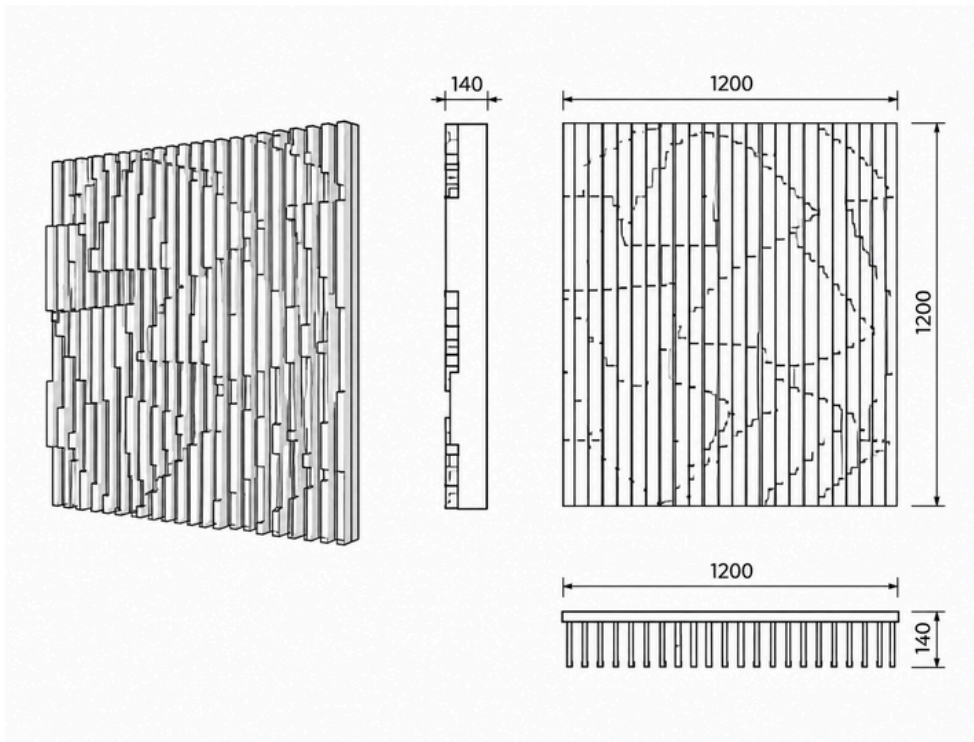


PRODUCT INFO

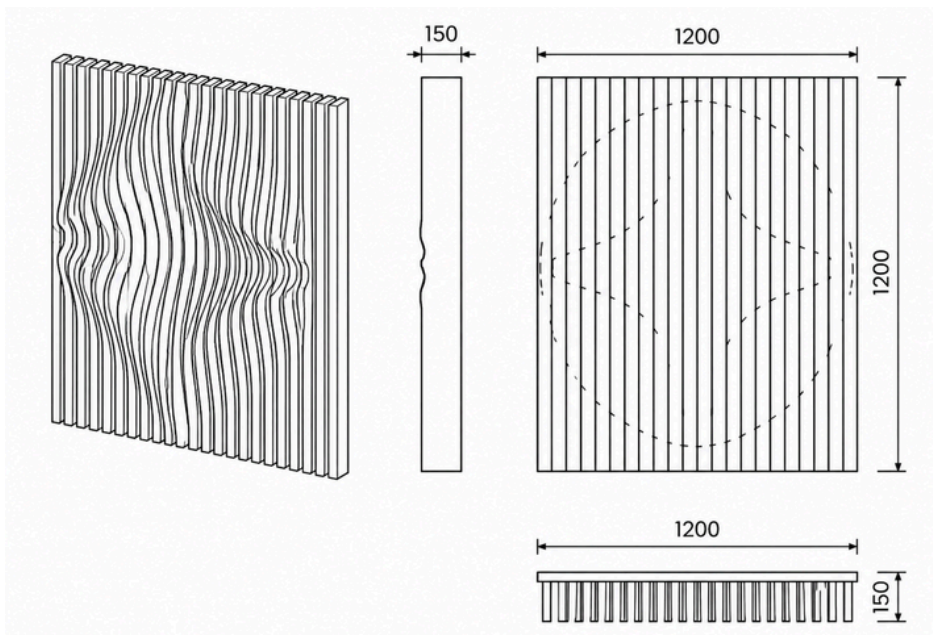
With their 3D look, Tone panels help reduce and scatter sound. Choose from a range of unique patterns to build a custom feature for any room.

Engineered to form a smooth, continuous look, these panels come in easy-to-handle modules and install with minimal effort. Each fin is attached to a sturdy backboard made from fully recycled PET, creating a strong sound-absorbing system with a bold, modern profile.

STONE DESIGNS



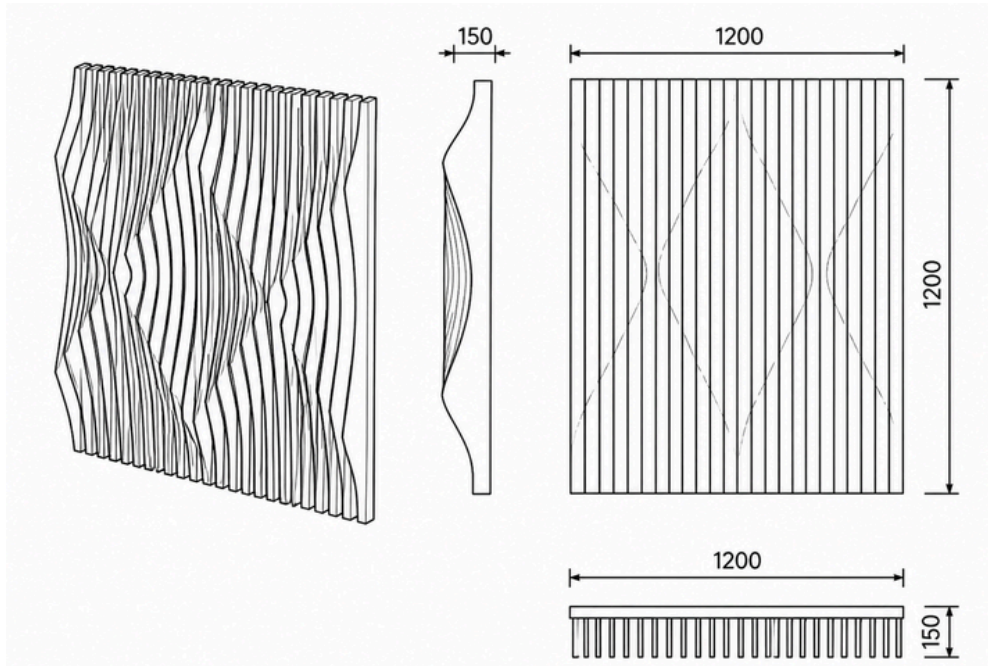
ABSTRACT



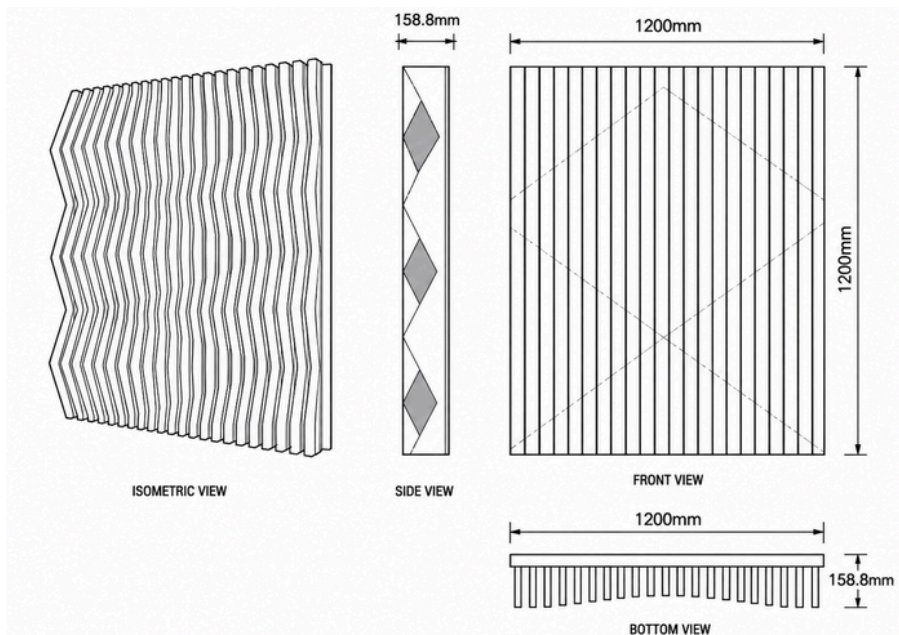
CONCAVE

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Abstract	04WTTON-ABS000	1200mm x 1200mm	140mm
Concave	04WTTON-CON000	1200mm x 1200mm	150mm

STONE DESIGNS



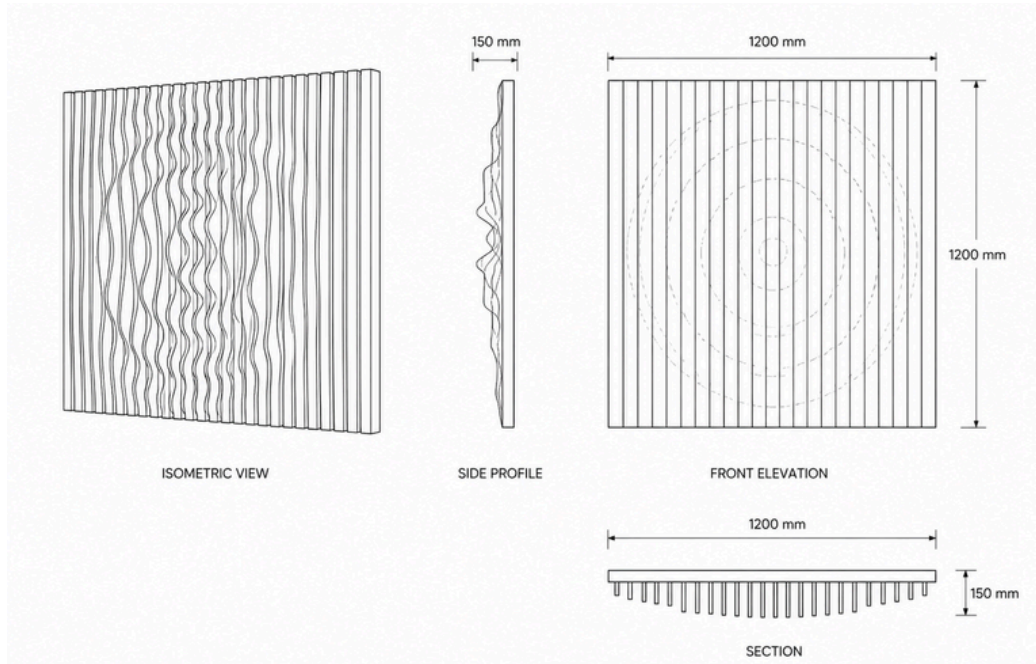
DIAMOND



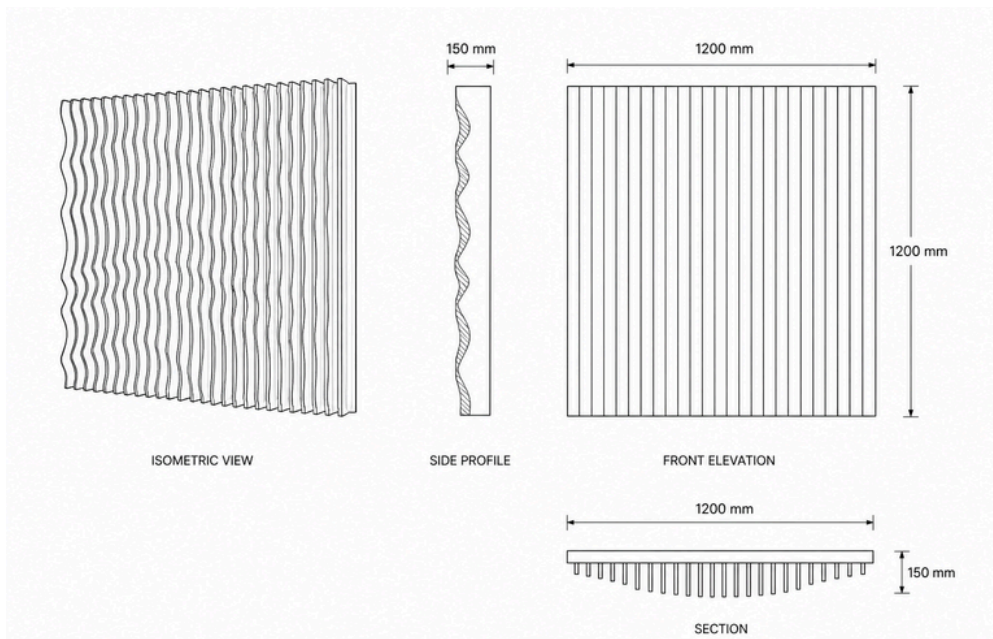
PYRAMID

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Diamond	04WTTON-DIA000	1200mm x 1200mm	150mm
Pyramid	04WTTON-PYR000	1200mm x 1200mm	158.9mm

STONE DESIGNS



RIPPLE



WAVE

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Ripple	04WTTON-RIP000	1200mm x 1200mm	150mm
Wave	04WTTON-WAV000	1200mm x 1200mm	150mm

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 C Absorber

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



FINISHES

Tone 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:

INSTALLATION

PanelHush cater for all project budgets and have multiple fixing methods.

Tone acoustic panels can be installed using the following method:



DESIGN TIPS

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

1. If the interior space needs better sound absorption and diffusion, Tone is a better choice as it has parametric design similar to baffles.
2. Tone is a perfect wall decoration with its 3D form and patterns. You can join multiple modular Tone products to create a seamless vertical baffle design.
3. You can combine Tone products with other wall covering such as Etch, Slats, and Dome.
4. Choose the right and appropriate design that would fit your interior concept. Tone designs are perfect for office spaces, lobbies, and even hallways.
5. Consider the placement of electrical outlets or access points if needed for future maintenance or upgrades.

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.

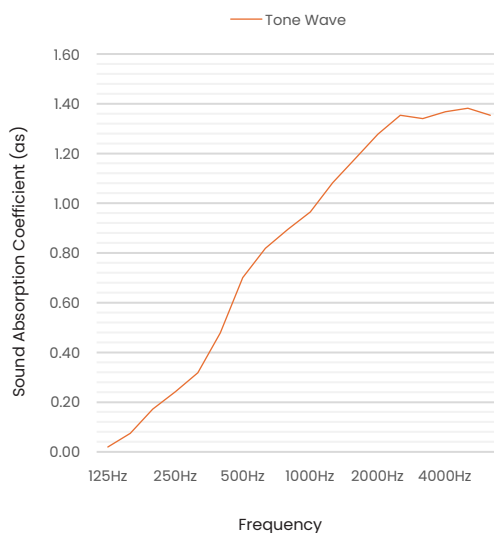
TESTING STANDARDS

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 TONE	aw	NRC	CLASS
Tone	0.65(MH)	0.90	C

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
Tone	0.10	0.35	0.80	1.10	1.30	1.35



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.