

ECHOPANEL® ARRAY

INTRODUCTION

Introducing **Array**; a design-led, fully scalable and easy to install acoustic ceiling solution from Woven Image.

Choose from 8 beautifully crafted baffle designs, made using our market leading **EchoPanel®** in both **12mm** and **24mm** thicknesses, or work with us to create your own unique installation.

With a streamlined aluminium extrusion, Array has been carefully engineered for **easy installation**, allowing simple onsite tailoring and adjustment. Once the baffles are fitted to the extrusion, snap covers ensure baffles are equally spaced and prevent any lateral movement.

Array delivers **high acoustic performance** ratings, making it a design-driven solution for controlling reverberated noise in shared commercial spaces, including workplace, education and hospitality environments. Array meets the sound reducing requirements to secure points under WELL™ v2.

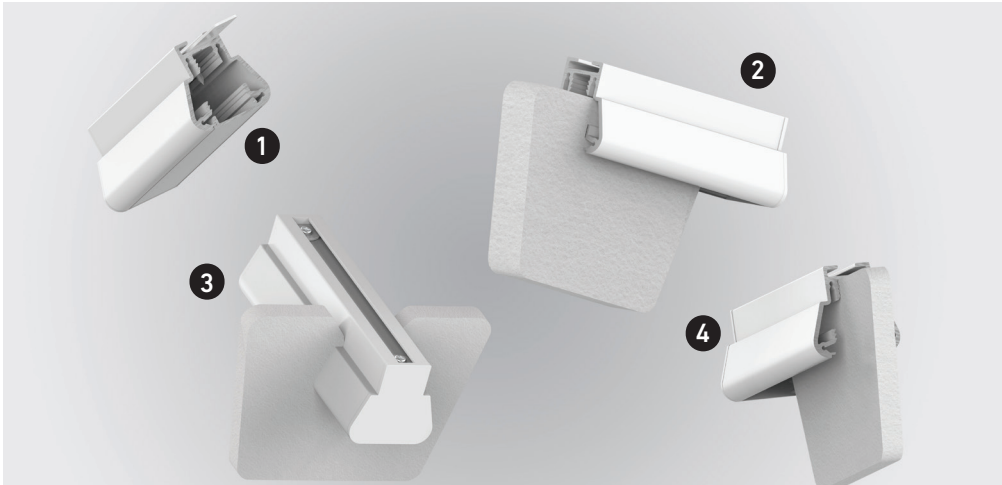
As leaders in **circular design**, Woven Image have developed Array with dematerialisation in mind. The system requires up to 60% less extrusion compared to most other baffle solutions on the market.

Made from EchoPanel®, the baffles utilise 60% recycled PET from single-use bottles. **Since 2014, Woven Image have upcycled over 256 million plastic bottles** that would otherwise have gone to landfill or polluted our waterways.

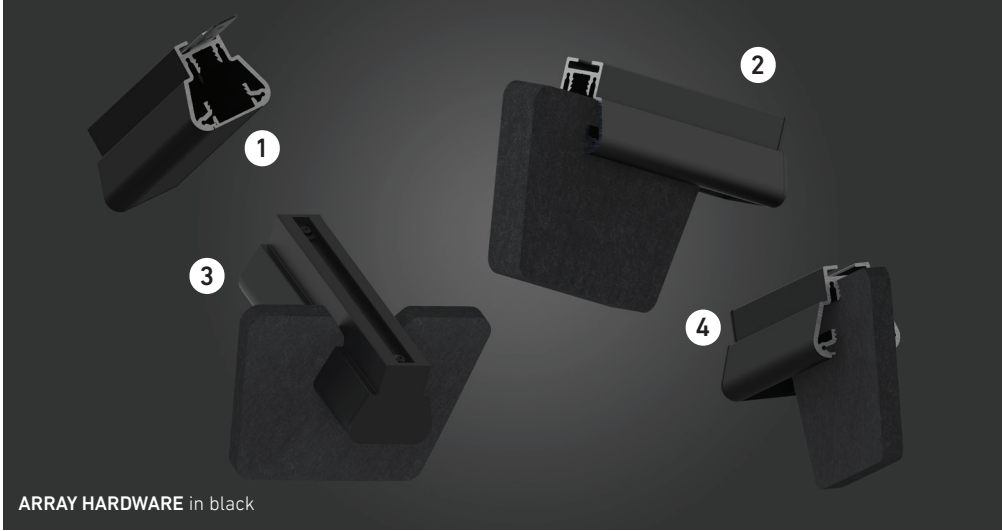
EchoPanel® achieves **Global GreenTag™** certification (GreenRate Level A), with the maximum Product Health Declaration™: Platinum Health. EchoPanel® is **Red List Free** and has published ingredient transparency with **Declare**.



ARRAY INSTALLATION



ARRAY HARDWARE in white



ARRAY HARDWARE in black

KEY

- 1

Hardware with inserted snap cover
- 2

24mm parallel installation
- 3

Standard snap fit for 12mm or 24mm perpendicular installation
- 4

12mm parallel installation



ARRAY TURRET 24mm in colourway #908



ARRAY CATHEDRAL 24mm in colourway #454



ARRAY VIADUCT 24mm in colourway #447

PRODUCT RANGE

Array can be directly fixed to ceilings, including an existing suspension drop in ceiling grids. It is also available to be used in both horizontal and vertical applications, allowing for a seamless finish from ceiling to wall.

The baffles are available in the extensive **colour palette** of the 12mm and 24mm EchoPanel® range. The extrusion comes in a standard black or white powder coat.

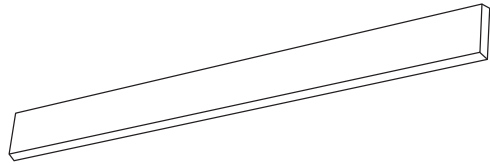
Fully **customisable** to suit your space; there is the ability to **mix and match any baffle design, colour and thickness** to create a truly unique ceiling installation.

All baffle designs are inspired by our natural and built environment; from the subtle linear shapes of Beam, Wedge and Taper to the arc shapes of Cathedral, Turret, Valley, Viaduct and Wave.

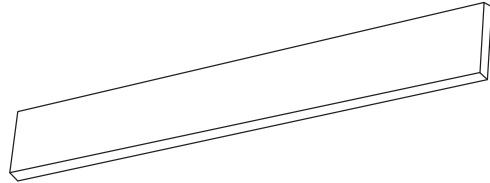


PRODUCT RANGE

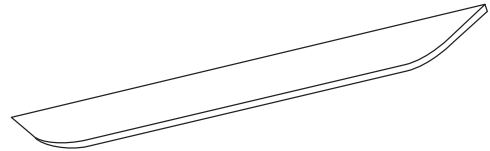
All baffle designs are 2400mm in length, and vary in depth, see each baffle design for depth measurements.



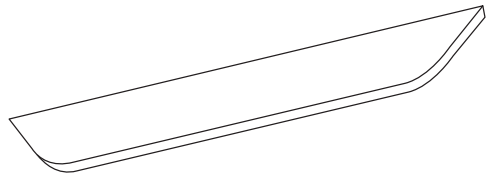
*200mm depth



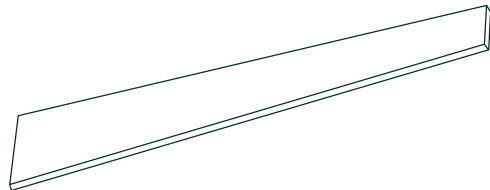
*297mm depth



*200mm depth



*297mm depth

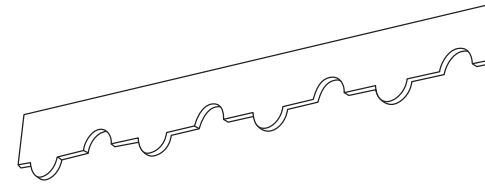


*295mm depth

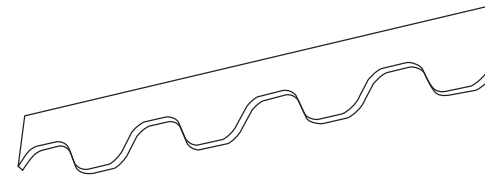
BEAM is a minimalist profile designed for a refined and subtle interior. There is the option to choose from 200mm or 297mm baffle depth.

WEDGE is robust, yet simple, giving a point of interest and detail that will compliment a tailored interior. There is the option to choose from 200mm or 297mm baffle depth.

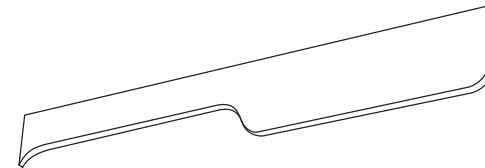
TAPER offers an elegant way to bring shape and dynamic elements to a ceiling project, whilst also incorporating an acoustic performance element.



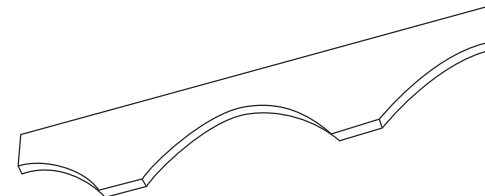
*295mm depth



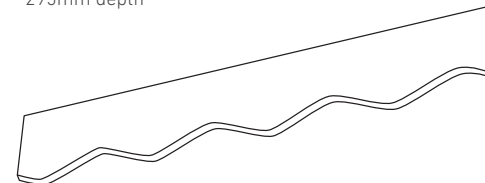
*295mm depth



*280mm depth



*295mm depth



*267mm depth

CATHEDRAL is a celebration of rounded crescent shapes that create a decorative yet sophisticated design.

TURRET adds more compressed texture to a ceiling project with tighter and compact curves to work perfectly with various colourways.

VALLEY, as the name suggests, flows between heights to create an interplay between vertical elements and creates the opportunity for texture on an architectural scale.

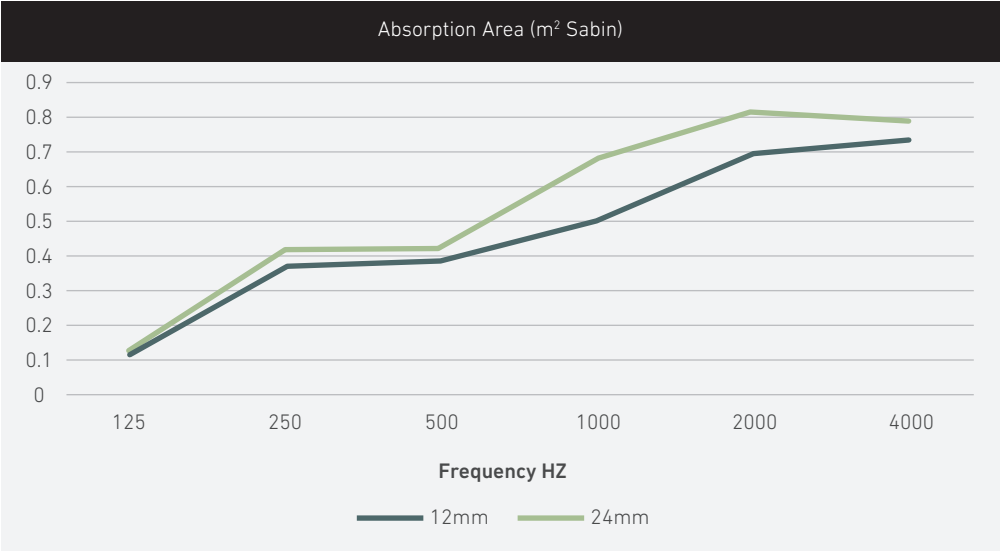
VIADUCT is inspired by the architectural features of ancient Roman archways, these baffles make for a timeless statement ceiling.

WAVE can infuse spaces with various moods and characteristics reminiscent of ocean waves or desert sand dunes.

PRODUCT PERFORMANCE

SOUND ABSORPTION

Tested in accordance with AS ISO 354: 2006 (R2016) and sound performance indices calculated in accordance with AS ISO 11654: 2002 (R2016), with NRC and SAA defined by ASTM C423 - 17. Testing is based on a 300mm spacing between each baffle. CSIRO test report number is AC283 - 01A - 1 and AC283 - 08A - 1.



Baffle Dimensions mm	o.d.s* mm	Absorption Area (m² Sabin)						Performance Indices			
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	αw	Class	SAA	NRC
2400 x 300 x 12mm c300	300	0.14	0.39	0.42	0.53	0.72	0.77	0.65 (H)	C	0.68	0.70
2400 x 300 x 24mm c300	300	0.15	0.44	0.46	0.70	0.85	0.83	0.75 (MH)	C	0.83	0.85

*o.d.s = overall depth of system

For additional specifications and performance details please visit wovenimage.com

FIRE TEST

ISO 9705: Group 1
ASTM E84 Unadhered: Class 2 or B (24mm tested)
BS EN 13501.1: Classification B – s1, d0

EMISSIONS

EchoPanel® 12mm achieves:
ASTM D5116: TVOC Emissions Rate: <0.02mg/m²/hr (7 days)
CDPH Standard Method v1.2: TVOC Emissions Rate: <0.054mg/m³
CDPH Standard Method v1.2: Formaldehyde Emissions Rate: <2µg/m³



COMPOSITION

Baffle: 100% PET (60% post-consumer recycled)
Hardware: Powder coated aluminium alloy 6060



Main ceiling in **ARRAY WAVE** 24mm in colourways #542, #442, #500 & #101
Mezzanine ceiling in **ARRAY VALLEY** 12mm in colourways #274, #124, #487 & #269
Walls in **ZEN** colourways #124, #487 & #269



WOVEN IMAGE®