



Array 24mm

Designer: Woven Image

Application(s): Ceilings

Composition & Pattern

Composition EchoPanel Baffles 100% PET (60% post-consumer recycled)

Hardware Composition 100% Powder coated Aluminum Alloy 6060

Colours Available 20

Kit & Box Content

Box Contents Acoustic baffles plus hardware. Baffle quantities vary depending

on design

Dimensions & Weight

Dimensions Hardware and baffle dimensions will vary per design, see drawings

on spec.

Unit of Sale Box

Unit of Sale Net Weight (kg) 20.46

Performance

Fire Test Result ISO 9705: Group 1, BS EN 13501.1: Classification B - s1, d0, ASTM

E84 Unadhered: Class 1 or A

Acoustic Performance Standard Test

Method

AS ISO 11654: 2002 (2016), AS ISO 354: 2006 (R2016), ASTM C423 - 17

Noise Reduction Coefficient (NRC)

Direct fix: 0.85

Result

Sound Absorption Average (SAA)

Direct fix: 0.83

Result

Weighted Sound Absorption

Direct fix: 0.75(MH)

Coefficient (aw) Result

Sound Absorption Class C (Direct fix)

Equivalent Absorption Area (Aeq) in

Direct fix: 125Hz = 0.15m², 250Hz = 0.44m², 500Hz = 0.46m²,

m² Sabins

 $1000Hz = 0.70m^2$, $2000Hz = 0.85m^2$, and $4000Hz = 0.83m^2$

Additional Acoustic Information

Baffles tested were 2400mm x 300mm x 24mm, at 300mm

spacing/centres. MH = Mid to High Frequency

Colour Fastness to Light Standard

Test Method

ISO 105 B02

Colour Fastness Light Rating 6 - 7

Light Reflectance Standard Test ASTM E1477

Method

Sustainability

VOC Emissions Results EchoPanel 24mm achieves ASTM D5116: TVOC Emissions Rate:

<0.02mg/m²/hr (7 days), and CDPH Standard Method v1.2: TVOC Emissions Rate: <0.054mg/m³; Formaldehyde Emissions Rate:

 $<2\mu g/m^3$

Sustainability Performance



Sustainability Performance Details

EchoPanel achieves GreenTag Certification GreenRate: Level A & Health Rate Platinum, Red List Free, and has an International Living Future Institute Declare Label. Array Baffles meet the sound reducing ceiling treatment requirements to attract points under feature S04 of WELL™ Standard v2.

Instructions

Additional Information See Woven Image EchoPanel Care & Cleaning Guide. See Woven Image Array Installation Guide.

> Exact colour matching cannot be guaranteed between batches. Fibre mix and web variation are natural characteristics of this

product.

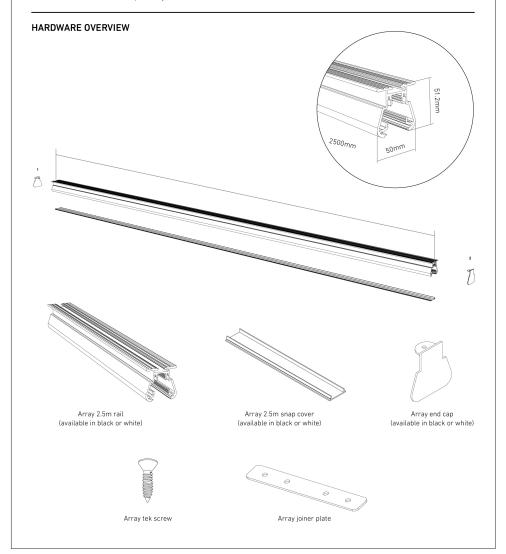
ARRAY ACOUSTIC CEILING SYSTEM (AACS)



OVERVIEW

The Array Acoustic Ceiling System (AACS) is a fully scalable acoustic ceiling system that accommodates 12mm & 24mm EchoPanel® baffles. It features streamlined aluminium hardware that has been engineered for easy installation, and can be used in both ceiling or wall applications.

Below hardware all sold separately.



BEAM 200 ECHOPANEL® 24mm BAFFLE DESIGN STANDARD BAFFLE SIZE 2780mm 695mm 1390mm 695mm **CUSTOM LENGTHS ON REQUEST** (Maximum length 2780mm) Custom length Custom Custom Custom U \Box Array snap cover Array rail Array end cap BEAM 200 baffle

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BEAM 300 ECHOPANEL® 24mm BAFFLE DESIGN STANDARD BAFFLE SIZE 2780mm 695mm 1390mm 695mm **CUSTOM LENGTHS ON REQUEST** (Maximum length 2780mm) Custom length Custom Custom Custom U U Array rail BEAM 300 baffle

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CATHEDRAL ECHOPANEL® 24mm BAFFLE DESIGN STANDARD BAFFLE SIZE 2780mm 695mm 1390mm 695mm **CUSTOM LENGTHS ON REQUEST** (Maximum length 2780mm) Custom length Custom Custom Custom 25 Array snap cover Array rail Array end cap CATHEDRAL baffle

FLOW ECHOPANEL® 24mm BAFFLE DESIGN STANDARD BAFFLE SIZE 2780mm 695mm 1390mm 695mm **CUSTOM LENGTHS ON REQUEST** (Maximum length 2780mm) Custom length Custom Custom Custom U \Box Array snap cover Array end cap FLOW baffle

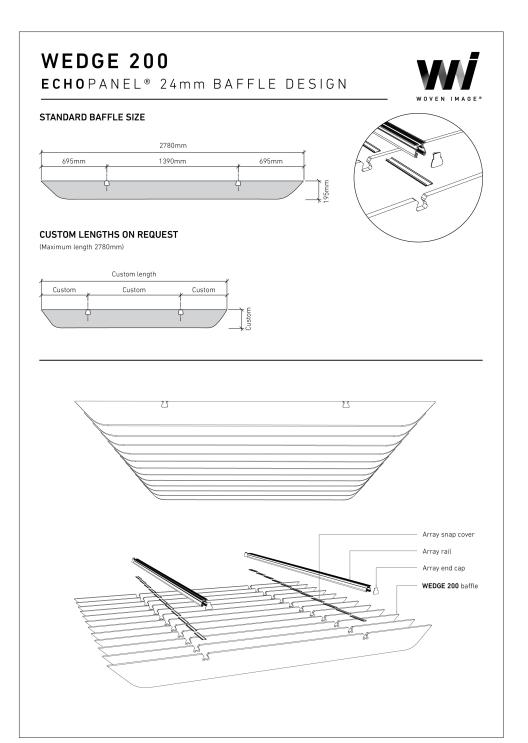
TAPER ECHOPANEL® 24mm BAFFLE DESIGN STANDARD BAFFLE SIZE 2780mm 695mm 1390mm 695mm **CUSTOM LENGTHS ON REQUEST** (Maximum length 2780mm) Custom length Custom Custom Custom 23 23 Array snap cover Array rail Array end cap TAPER baffle

TURRET ECHOPANEL® 24mm BAFFLE DESIGN STANDARD BAFFLE SIZE 2780mm 695mm 1390mm 695mm **CUSTOM LENGTHS ON REQUEST** (Maximum length 2780mm) Custom length Custom Custom Custom U U Array snap cover Array rail Array end cap TURRET baffle

VALLEY ECHOPANEL® 24mm BAFFLE DESIGN STANDARD BAFFLE SIZE 2780mm 695mm 1390mm 695mm **CUSTOM LENGTHS ON REQUEST** (Maximum length 2780mm) Custom length Custom Custom Custom U 72 Array snap cover Array rail Array end cap VALLEY baffle

VIADUCT ECHOPANEL® 24mm BAFFLE DESIGN STANDARD BAFFLE SIZE 2780mm 695mm 1390mm 695mm **CUSTOM LENGTHS ON REQUEST** (Maximum length 2780mm) Custom length Custom Custom Custom U U Array snap cover Array rail Array end cap VIADUCT baffle

WAVE ECHOPANEL® 24mm BAFFLE DESIGN STANDARD BAFFLE SIZE 2780mm 695mm 1390mm 695mm **CUSTOM LENGTHS ON REQUEST** (Maximum length 2780mm) Custom length Custom Custom Custom 23 U Array snap cover Array rail Array end cap WAVE baffle



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