

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 8 x Baffles & 1 x Hardware kit

Component Details Hardware kit includes:
2 x Array chassis
2 x Snap cover
4 x End cap

Dimensions & Weight

Dimensions Length: 2400mm (+/- 5mm), Depth: 297mm (+/- 5mm), Thickness: 24mm (+/- 7%)

Unit of Sale Box

Unit of Sale Net Weight (kg) 20.46

Performance

Fire Test Result	ASTM E84 Unadhered: Class 2 or B, ISO 9705: Group 1, BS EN 13501.1: Classification B - s1, d0
Acoustic Performance Standard Test Method	AS ISO 11654: 2002 (2016), AS ISO 354: 2006 (R2016), ASTM C423 - 17
Noise Reduction Coefficient (NRC) Result	Direct fix: 0.85
Sound Absorption Average (SAA) Result	Direct fix: 0.83
Weighted Sound Absorption Coefficient (α_w) Result	Direct fix: 0.75(MH)
Sound Absorption Class	C (Direct fix)
Equivalent Absorption Area (A_{eq}) in m^2 Sabins	Direct fix: 125Hz = 0.15m ² , 250Hz = 0.44m ² , 500Hz = 0.46m ² , 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 Method	ASTM E1477

Sustainability

VOC Emissions Results	EchoPanel 24mm achieves ASTM D5116: TVOC Emissions Rate: <0.02mg/m ² /hr (7 days), and CDPH Standard Method v1.2: TVOC Emissions Rate: <0.054mg/m ³ ; Formaldehyde Emissions Rate: <2µg/m ³
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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

Product Care Instructions

See Woven Image EchoPanel Care & Cleaning Guide
See Woven Image Array Installation Guide