

EchoPanel® Astro

Designer: Woven Image (Amy Saunders)

Application(s): Walls, Workstations, Partitions

Composition & Pattern

Composition 100% PET (80% post-consumer recycled)

Colours Available 20

Pattern Type Printed

Printed Sides Single

Print Area Horizontal: 2780mm, Vertical: 1180mm

Print Tolerance Horizontal: +/-2mm, Vertical: +/-2mm

Pattern Repeat Horizontal: 196mm, Vertical 163mm

Dimensions & Weight

Dimensions Length: 2800mm (+/- 10mm), Width: 1200mm (+/- 5mm),
Thickness: 12mm (+/- 7%)

Unit of Sale Panel

Unit of Sale Net Weight (kg) 8

Performance

Fire Test Result	AS 1530.3, ISO 9705: Group 1, BS EN 13501.1: Classification B - s1, d0, GB 8624 B1, ASTM E84 Unadhered: Class 1 or A, BS EN 45545-2 + A1 Annex C: CIT: 0.05
Acoustic Performance Standard Test Method	AS ISO 354: 2006 (R2016), AS ISO 11654: 2002 (2016), ASTM C423 - 17
Noise Reduction Coefficient (NRC) Result	Direct fix: 0.45, 20mm air gap: 0.60, 50mm air gap: 0.75
Sound Absorption Average (SAA) Result	Direct fix: 0.43, 20mm air gap: 0.60, 50mm air gap: 0.75
Weighted Sound Absorption Coefficient (α_w) Result	Direct fix: 0.30 (MH), 20mm air gap: 0.45 (MH), 50mm air gap: 0.60 (MH)
Sound Absorption Class	D (Direct fix), D (20mm air gap), C (50mm air gap)
Additional Acoustic Information	Noise reduction coefficient result key: H = High Frequency & MH = Mid to High Frequency
Colour Fastness to Light Standard Test Method	ISO 105 B02
Colour Fastness Light Rating	6 - 7
Other Testing	Fire tests are based on plain EchoPanel® 12mm

Sustainability

VOC Emissions Results	As Per EchoPanel 12mm plain: ASTM D5116 - 2017: TVOC Emissions Rate: 0.033mg/m ² /hr (24hrs); Formaldehyde Emissions Rate: 0.07mg/m ² /hr. CDPH Standard Method v1.2 - 2017 (CA 01350): TVOC Emissions Rate: 0.013mg/m ³ ; Formaldehyde Emissions Rate: <1µg/m ³
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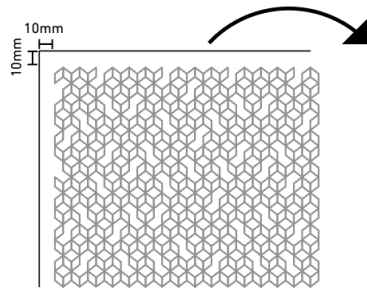
Instructions

Additional Information

See Woven Image EchoPanel® Installation Guide.

See Woven Image EchoPanel® prints Care & Cleaning guide.

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



Please note there is an unprinted boarder of approx 10mm around the panel. Panels will require trimming for edge to edge pattern matching.

