EchoPanel® Frequency

Designer: Woven Image

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: 300mm, Vertical: 327mm

Dimensions & Weight

Dimensions	Length: 2800mm (+/- 10mm), Width: 1200mm (+/- 5mm), Thickness: 12mm (+/- 7%)
Unit of Sale	Panel
Unit of Sale Net Weight (kg)	8

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Performance

Fire Test Result	AS 1530.3, ISO 9705: Group 1, BS EN 13501.1: Classification B - s1, d0, ASTM E84 Unadhered: Class 1 or A, BS EN 45545-2 + A1 Annex C: CIT: 0.05, GB 8624 B1
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: 0.45
Sound Absorption Average (SAA) Result	Direct fix: 0.43
Weighted Sound Absorption Coefficient (αw) Result	Direct fix: 0.30 (MH)
Sound Absorption Class	D (Direct fix)
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
Light Reflectance Standard Test Method	ASTM E1477
Light Reflectance Value	Luminous Reflectance Factors (see table below for all colours): Dark (550 Onyx): 2.76, Mid (338 Jade): 20.52, Light (500 Off White): 80.44
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.

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COLOUR CODE	COLOUR NAME	LUMINOUS REFLECTANCE FACTOR
550	ONYX	2.76
542	BLACK	5.36
330	IVY	7.30
269	WINE	7.34
365	NAVY	8.04
193	ROUGE	10.94
447	SLATE	11.88
484	CAYENNE	13.75
167	CINNAMON	14.44
349	VINEYARD	16.76
384	OLIVE	17.60
660	CORONET	19.07
295	MANDARIN	20.07
444	SMOKE	20.09
633	PACIFIC	20.38
338	JADE	20.52
402	PEBBLE	21.25
721	NUTMEG	26.62
442	GREY	30.40
580	SAGE	32.77
579	PISTACHIO	33.98
551	BLUE	35.67
124	OCHRE	36.09
274	ORCHID	38.14
487	BLUSH	40.06
495	DUSK	41.16
468	VANILLA	42.59
101	FROST	45.64
454	MUSHROOM	52.03
573	MINT	54.87
908	CREAM	60.13
106	BUTTER	69.31
381	LIME SPLICE	69.31
500	OFF WHITE	80.44

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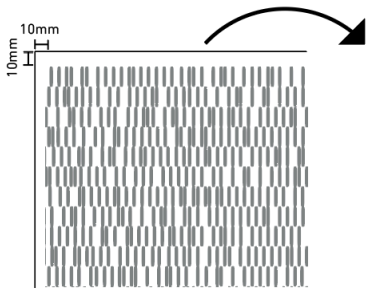

Please note there is an unprinted boarder of approx 10mm around the panel. Panels will require trimming for edge to edge pattern matching.

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