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

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, 20mm air gap: 0.60, 50mm air gap: 0.75
Sound Absorption Average (SAA) Result	Direct fix: 0.43, 20mm air gap: 0.61, 50mm air gap: 0.75
Weighted Sound Absorption Coefficient (αw) 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

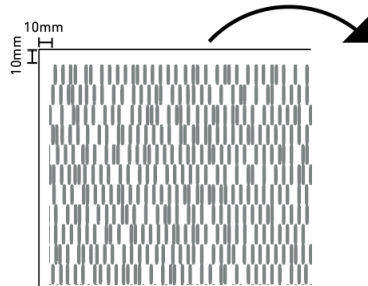|	
VOC Emissions Results	As per EchoPanel 12mm plain: ASTM D5116 - 2017: TVOC Emissions Rate: $0.033mg/m^2/hr$ (24hrs); Formaldehyde Emissions Rate: $0.07mg/m^2/hr$. CDPH Standard Method v1.2 – 2017 (CA 01350): TVOC Emissions Rate: $0.013mg/m^3$; Formaldehyde Emissions Rate: $<1\mu g/m^3$

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.

10mm

10mm

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