

EchoPanel® 24mm

Designer: Woven Image

Application(s): Walls, Workstations, Partitions, Ceilings

Composition & Pattern

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

Colours Available 20

Dimensions & Weight

Dimensions Length: 2800mm (+/- 10mm), Width: 1200mm (+/- 5mm), Thickness: 24mm (+/- 7%) Length: 2400mm (+/- 10mm), Width: 1820mm (+/- 5mm), Thickness: 24mm (+/- 7%) Available in 542, 442 and 454 only

Unit of Sale Panel

Unit of Sale Net Weight (kg) 10

Performance

Fire Test Result BS EN 13501.1: Classification B - s1, d0, ISO 9705: Group 1, BS EN 45545-2 + A1 Annex C: CIT: 0.00, ASTM E84 Unadhered: Class 1 or A

Acoustic Performance Standard Test Method AS ISO 354: 2006 (R2016)

Noise Reduction Coefficient (NRC) Direct fix: 0.65

Result	
Sound Absorption Average (SAA) Result	Direct fix: 0.63
Weighted Sound Absorption Coefficient (α_w) Result	Direct fix: 0.45 (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 E1477-98A-2017
Light Reflectance Value	Luminous Reflectance Factors (see Table 3.0 for all tested colours)
Flexural Properties Standard Test Method	ISO 1209 - 1: 2007 @20mm Deflection
Flexural Properties Rating	Direction 1 = 39.7N, Direction 2 = 39.8N

Sustainability

VOC Emissions Results 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: <2µg/m³

Sustainability Performance





Declare.



Instructions

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

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

TABLE 3.0
LUMINOUS REFLECTANCE (ASTM E1477-98A: 2017) ECHOPANEL® 24mm

COLOUR CODE	COLOUR NAME	LUMINOUS REFLECTANCE FACTOR
550	ONYX	2.76
330	IVY	7.30
269	WINE	7.34
633	PACIFIC	20.38