

EchoPanel® Empire

Designer: Woven Image

Application(s): Walls, Partitions

Composition & Pattern

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

Colours Available 34

Pattern Type Precision Cut

Dimensions & Weight

Dimensions Length: 2750mm (+/- 2 mm), Width: 1100mm (+/- 2mm), Thickness: 12mm (+/- 7%). Also available in 24mm (+/-7%), specifications will differ.

Unit of Sale Panel

Unit of Sale Net Weight (kg) 8

Performance

Fire Test Result AS 1530.3, BS EN 13501.1: Classification B - s1, d0, ISO 9705: Group 1, 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 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: 0.61, 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

Sustainability

VOC Emissions Results ASTM D5116 - 2017: TVOC Emissions Rate: 0.033mg/m²/hr (24hrs); Formaldehyde Emissions Rate: 0.07mg/m²/hr. CDPH Standard Method v1.2 - 2017 (CA 01350): TVOC Emissions Rate: 0.013mg/m³; Formaldehyde Emissions Rate: <1µg/m³

Sustainability Performance



Instructions

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

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

