

EchoPanel® Ohm

Designer: Woven Image

Application(s): Partitions, Walls

Composition & Pattern

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

Colours Available 33

Pattern Type Precision Cut

Dimensions & Weight

Dimensions Length: 2750mm (+/-2mm) Width: 1100mm (+/-2mm) Thickness: 12mm (+/-7%)

Unit of Sale Panel

Unit of Sale Net Weight (kg) 7.1

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

Acoustic Performance Standard Test Method AS ISO 11654: 2002 (2016), AS ISO 354: 2006 (R2016), ASTM C423 - 17

Noise Reduction Coefficient (NRC) Direct fix: 0.45, 20mm air gap: 0.60, 50mm air gap: 0.75

Result

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: TVOC Emissions Rate: $<0.02\text{mg}/\text{m}^2/\text{hr}$ (7 days), and CDPH Standard Method v1.2: TVOC Emissions Rate: $<0.054\text{mg}/\text{m}^3$; Formaldehyde Emissions Rate: $<2\mu\text{g}/\text{m}^3$

Sustainability Performance



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.

