

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, 20mm air gap: 0.75, 50mm air gap: 0.85

Result

Sound Absorption Average (SAA) Result Direct fix: 0.63

Weighted Sound Absorption Coefficient (α_w) Result Direct fix: 0.45 (MH), 20mm air gap: 0.50 (MH), 50mm air gap: 0.70 (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

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

Sustainability Performance



Declare.



EPD®
AUSTRALASIA
ENVIRONMENTAL PRODUCT DECLARATION
EPD REGISTRATION NUMBER: 94-07132

Instructions

Product Care Instructions See Woven Image EchoPanel Care & Cleaning Guide, and Installation Guide