

EchoPanel® Fluid

Designer: Michael Young in collaboration with Woven Image

Application(s): Walls, Workstations, Partitions

Composition & Pattern

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

Colours Available 20

Pattern Type Printed

Printed Sides Single

Print Area Horizontal: 2780mm, Vertical: 1180mm

Print Tolerance Horizontal: +/-2mm, Vertical: +/-2mm

Pattern Repeat Horizontal: 1180mm, Vertical 2780mm

Dimensions & Weight

Dimensions Length: 2800mm (+/-2mm) Width: 1200mm (+/-2mm) 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, 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: 0.60, 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)

Equivalent Absorption Area (A_{eq}) in m^2 Sabins Noise reduction coefficient result key: H = High Frequency & MH = Mid to High Frequency

Colour Fastness to Light Standard Test Method ISO 105 B02

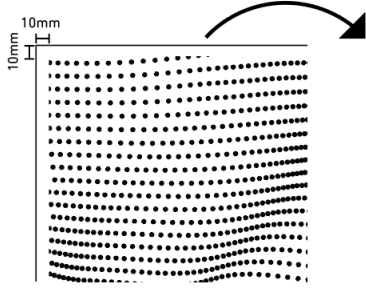
Colour Fastness Light Rating 6 - 7

Other Testing Fire tests are based on plain EchoPanel® 12mm

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.



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

