

# EchoPanel® Frequency

**Designer:** Woven Image

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

## Composition & Pattern

<b>Composition</b>	100% PET (80% post-consumer recycled)
<b>Colours Available</b>	20
<b>Pattern Type</b>	Printed
<b>Printed Sides</b>	Single
<b>Print Area</b>	Horizontal: 2780mm, Vertical: 1180mm
<b>Print Tolerance</b>	Horizontal: +/-2mm, Vertical: +/-2mm
<b>Pattern Repeat</b>	Horizontal: 300mm, Vertical: 327mm

## Dimensions & Weight

<b>Dimensions</b>	Length: 2800mm (+/- 10mm), Width: 1200mm (+/- 5mm), Thickness: 12mm (+/- 7%)
<b>Unit of Sale</b>	Panel
<b>Unit of Sale Net Weight (kg)</b>	8

## Performance

<b>Fire Test Result</b>	AS 1530.3, ISO 9705: Group 1, BS EN 13501.1: Classification B - s1, d0, ASTM E84 Unadhered: Class 1 or A, BS EN 45545-2 + A1 Annex C: CIT: 0.05, GB 8624 B1
<b>Acoustic Performance Standard Test Method</b>	AS ISO 11654: 2002 (2016), AS ISO 354: 2006 (R2016), ASTM C423 - 17
<b>Noise Reduction Coefficient (NRC) Result</b>	Direct fix: 0.45, 20mm air gap: 0.60, 50mm air gap: 0.75
<b>Sound Absorption Average (SAA) Result</b>	Direct fix: 0.43, 20mm air gap: 0.61, 50mm air gap: 0.75
<b>Weighted Sound Absorption Coefficient (<math>\alpha_w</math>) Result</b>	Direct fix: 0.30 (MH), 20mm air gap: 0.45 (MH), 50mm air gap: 0.60 (MH)
<b>Sound Absorption Class</b>	D (Direct fix), D (20mm air gap), C (50mm air gap)
<b>Additional Acoustic Information</b>	Noise reduction coefficient result key: H = High Frequency & MH = Mid to High Frequency
<b>Colour Fastness to Light Standard Test Method</b>	ISO 105 B02
<b>Colour Fastness Light Rating</b>	6 - 7
<b>Other Testing</b>	Fire tests are based on plain EchoPanel® 12mm

## Sustainability

<b>VOC Emissions Results</b>	As per EchoPanel 12mm plain: ASTM D5116 - 2017: TVOC Emissions Rate: 0.033mg/m <sup>2</sup> /hr (24hrs); Formaldehyde Emissions Rate: 0.07mg/m <sup>2</sup> /hr. CDPH Standard Method v1.2 - 2017 (CA 01350): TVOC Emissions Rate: 0.013mg/m <sup>3</sup> ; Formaldehyde Emissions Rate: <1µg/m <sup>3</sup>
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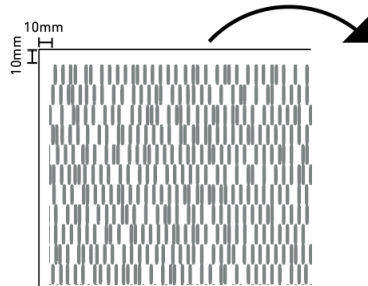
## Instructions

**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 boarder of approx  
10mm around the panel.  
Panels will require trimming for  
edge to edge pattern matching.

