

# EchoPanel® Empire

**Designer:** Woven Image

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

## Composition & Pattern

**Composition** 100% PET (60-80% post-consumer recycled)\*

**Colours Available** 34

**Pattern Type** Precision Cut

**Additional Information** \*As part of our ongoing commitment to sustainability, we are increasing the amount of post-consumer PET in EchoPanel 12mm, from 60% to 80%. We anticipate all stock to have transitioned by January 2025.

## 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

<b>Acoustic Performance Standard Test Method</b>	AS ISO 354: 2006 (R2016), AS ISO 11654: 2002 (2016), 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

## Sustainability

**VOC Emissions Results** 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>

### 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.

