

# EchoPanel® Empire

**Designer:** Woven Image

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

## Composition & Pattern

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

**Colours Available** 33

**Pattern Type** Precision Cut

## 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

**Acoustic Performance Standard Test Method** 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: 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<sup>®</sup>**  
AUSTRALASIA  
ENVIRONMENTAL PRODUCT DECLARATION  
EPD REGISTRATION NUMBER: S-P-01162

## 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.

