

## EchoPanel® Orb

**Designer:** Woven Image

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

### Composition & Pattern

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

**Colours Available** 37

**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)** 7.1

### Performance

**Fire Test Result** GB 8624 B1, ASTM E84 Unadhered: Class 1 or A, AS 1530.3, ISO 9705: Group 1, BS EN 45545-2 + A1 Annex C: CIT: 0.03, BS EN 13501.1: Classification B - s1, d0

**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>Equivalent Absorption Area (<math>A_{eq}</math>) in <math>m^2</math> Sabins</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>Light Reflectance Standard Test Method</b>	ASTM E1477
<b>Light Reflectance Value</b>	Luminous Reflectance Factors (see table below for all colours): Dark (550 Onyx): 2.76, Mid (338 Jade): 20.52, Light (500 Off White): 80.44

## Sustainability

**VOC Emissions Results** ASTM D5116 - 2017: TVOC Emissions Rate: 0.080mg/m<sup>2</sup>/hr (24hrs); Formaldehyde Emissions Rate: 0.008mg/m<sup>2</sup>/hr (24hr). CDPH Standard Method v1.2 - 2017 (CA 01350): TVOC Emissions Rate: 0.010mg/m<sup>3</sup>; Formaldehyde Emissions Rate: <1µg/m<sup>3</sup>

### Sustainability Performance





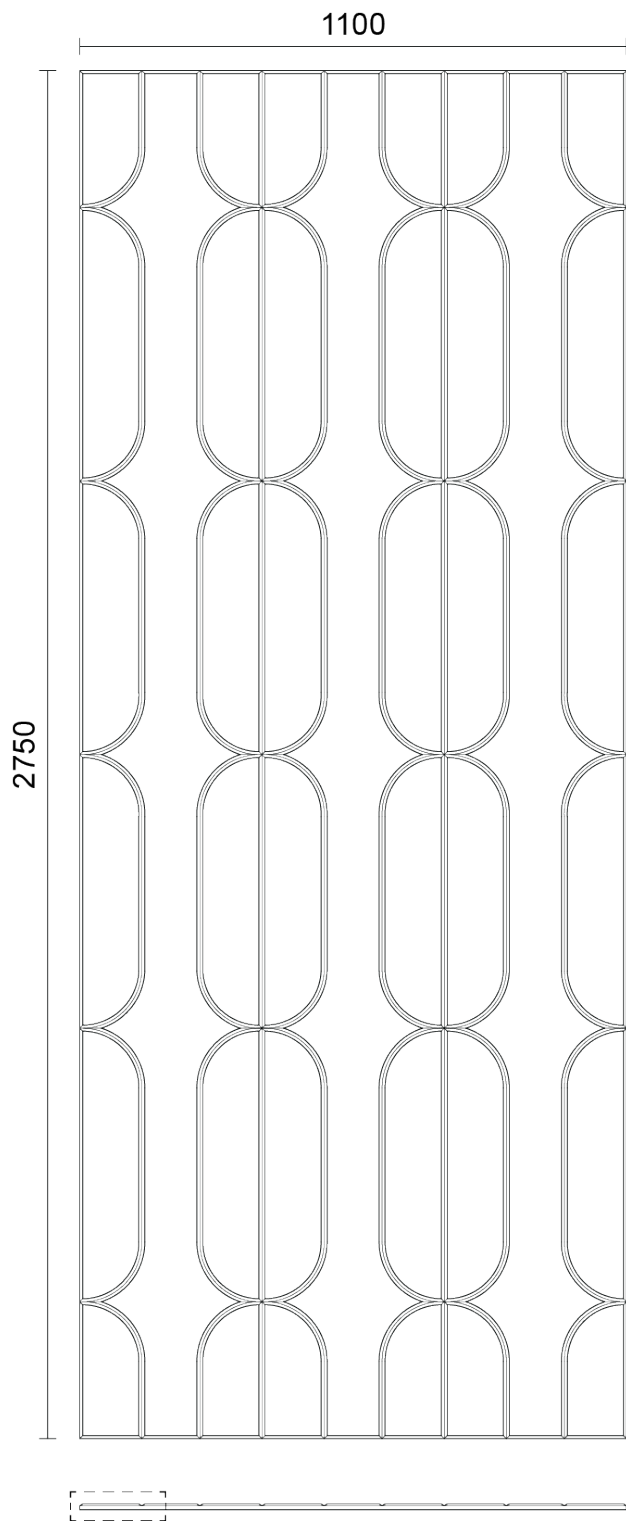
**Declare.**



## 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.



COLOUR CODE	COLOUR NAME	LUMINOUS REFLECTANCE FACTOR
550	ONYX	2.76
542	BLACK	5.36
330	IVY	7.30
269	WINE	7.34
365	NAVY	8.04
193	ROUGE	10.94
447	SLATE	11.88
484	CAYENNE	13.75
167	CINNAMON	14.44
349	VINEYARD	16.76
384	OLIVE	17.60
660	CORONET	19.07
295	MANDARIN	20.07
444	SMOKE	20.09
633	PACIFIC	20.38
338	JADE	20.52
402	PEBBLE	21.25
721	NUTMEG	26.62
442	GREY	30.40
580	SAGE	32.77
579	PISTACHIO	33.98
551	BLUE	35.67
124	OCHRE	36.09
274	ORCHID	38.14
487	BLUSH	40.06
495	DUSK	41.16
468	VANILLA	42.59
101	FROST	45.64
454	MUSHROOM	52.03
573	MINT	54.87
908	CREAM	60.13
106	BUTTER	69.31
381	LIME SPLICE	69.31
500	OFF WHITE	80.44