

## EchoPanel® Astro

**Designer:** Woven Image (Amy Saunders)

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

### Composition & Pattern

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

**Colours Available** 20

**Pattern Type** Printed

**Printed Sides** Single

**Print Area** Horizontal: 2780mm, Vertical: 1180mm

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

**Pattern Repeat** Horizontal: 196mm, Vertical 163mm

### Dimensions & Weight

**Dimensions** Length: 2800mm (+/- 10mm), Width: 1200mm (+/- 5mm),  
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, ASTM E84 Unadhered: Class 1 or A, BS EN 45545-2 + A1 Annex C: CIT: 0.05

**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 ( $\alpha_w$ ) 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)

**Additional Acoustic Information** 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

**Light Reflectance Standard Test Method** ASTM E1477

**Light Reflectance Value** 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

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

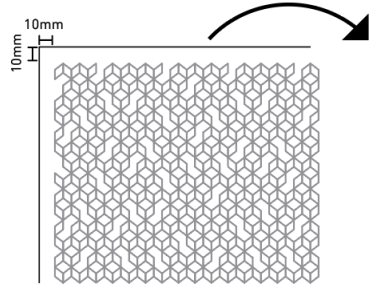
## Sustainability

**VOC Emissions Results** 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>

**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.

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



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

