

## 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

|                                                                             |                                                                                                                                                             |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fire Test Result</b>                                                     | 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 |
| <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                                                                                                                                            |
| <b>Sound Absorption Average (SAA) Result</b>                                | Direct fix: 0.43                                                                                                                                            |
| <b>Weighted Sound Absorption Coefficient (<math>\alpha_w</math>) Result</b> | Direct fix: 0.30 (MH)                                                                                                                                       |
| <b>Sound Absorption Class</b>                                               | D (Direct fix)                                                                                                                                              |
| <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> |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

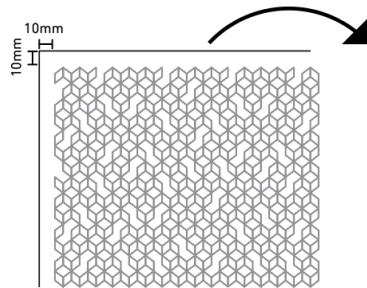
## Instructions

**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.

