

## EchoPanel® 12mm

**Designer:** Woven Image

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

### Composition & Pattern

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

**Colours Available** 37

### 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, BS EN 13501.1: Classification B - s1, d0, ISO 9705: Group 1, BS EN 45545-2 + A1 Annex C: CIT: 0.05, ASTM E84 Unadhered: Class 1 or A, GB 8624 B1

**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

|  |   |
|--|---|
| <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 (αw) 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   |
| <b>Flexural Properties Standard Test Method</b>          | ISO 1209 - 1: 2007 @20mm Deflection   |
| <b>Flexural Properties Rating</b>                        | Direction 1 = 37.3 N, Direction 2 = 39.1 N  |

## 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® Installation Guide.

Exact colour matching cannot be guaranteed between batches.  
Fibre mix and web variation are natural characteristics of this product.