

## EchoPanel® 24mm

**Designer:** Woven Image

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

### Composition & Pattern

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

**Colours Available** 20

### Dimensions & Weight

**Dimensions** Length: 2800mm (+/- 10mm), Width: 1200mm (+/- 5mm), Thickness: 24mm (+/- 7%) Length: 2400mm (+/- 10mm), Width: 1820mm (+/- 5mm), Thickness: 24mm (+/- 7%) Available in 542, 442 and 454 only

**Unit of Sale** Panel

**Unit of Sale Net Weight (kg)** 10

### Performance

**Fire Test Result** BS EN 13501.1: Classification B - s1, d0, ISO 9705: Group 1, BS EN 45545-2 + A1 Annex C: CIT: 0.00, ASTM E84 Unadhered: Class 1 or A

**Acoustic Performance Standard Test Method** AS ISO 354: 2006 (R2016)

**Noise Reduction Coefficient (NRC)** Direct fix: 0.65, 20mm air gap: 0.75, 50mm air gap: 0.85

## Result

**Sound Absorption Average (SAA)** Direct fix: 0.63

## Result

**Weighted Sound Absorption Coefficient ( $\alpha_w$ )** Direct fix: 0.45 (MH), 20mm air gap: 0.50 (MH), 50mm air gap: 0.70 (MH)

**Sound Absorption Class** D (Direct fix)

**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

**Flexural Properties Standard Test Method** ISO 1209 - 1: 2007 @20mm Deflection

**Flexural Properties Rating** Direction 1 = 39.7N, Direction 2 = 39.8N

## 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.**



## 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.

| 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                       |