

## EchoPanel® Frequency

**Designer:** Woven Image

**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: 300mm, Vertical: 327mm

### 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, ASTM E84 Unadhered: Class 1 or A, BS EN 45545-2 + A1 Annex C: CIT: 0.05, GB 8624 B1 |
| <b>Acoustic Performance Standard Test Method</b>                            | AS ISO 11654: 2002 (2016), AS ISO 354: 2006 (R2016), 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>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>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                  |
| <b>Other Testing</b>  | Fire tests are based on plain EchoPanel® 12mm   |

## Sustainability

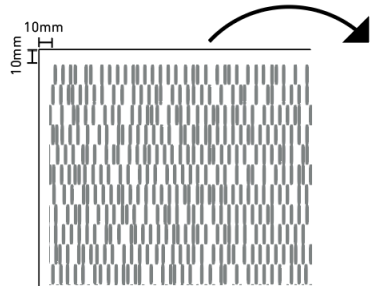
|                              |  |
|------------------------------|--|
| <b>VOC Emissions Results</b> | As per EchoPanel 12mm plain: ASTM D5116 - 2017: TVOC Emissions Rate: 0.033mg/m <sup>2</sup> /hr (24hrs); Formaldehyde Emissions Rate: 0.07mg/m <sup>2</sup> /hr. CDPH Standard Method v1.2 - 2017 (CA 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.

| 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.

