

EchoPanel® Fluid

Designer: Michael Young in collaboration with 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: 1180mm, Vertical 2780mm

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 (α_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) |
| Equivalent Absorption Area (A_{eq}) in m^2 Sabins | 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

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| Additional Information | As per EchoPanel 12mm plain: ASTM D5116 - 2017: TVOC Emissions Rate: 0.033mg/m ² /hr (24hrs); Formaldehyde Emissions Rate: 0.07mg/m ² /hr. CDPH Standard Method v1.2 - 2017 (CA 01350): TVOC Emissions Rate: 0.013mg/m ³ ; Formaldehyde Emissions Rate: |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

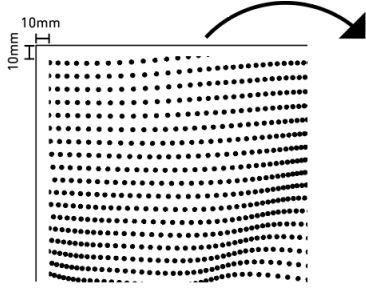
<1µg/m³

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 border of approx 10mm around the panel. Panels will require trimming for edge to edge pattern matching.

