

## EchoPanel® Platoon

**Designer:** Bang Design in collaboration with Woven Image

**Application(s):** Partitions

### Composition & Pattern

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

**Hardware Composition** ABS Plastic

**Colours Available** 3

### Kit & Box Content

**Box Contents** 6 x EchoPanel pieces & 10 x Pivot joiners

**Component Details** Box includes:  
4 x EchoPanel middle pieces  
2 x EchoPanel end pieces  
10 x Pivot joiners

### Dimensions & Weight

**Dimensions** Height: 1750mm (+/- 2mm), length: 3500mm (+/- 2mm), Thickness: 24mm (+/-7%) Joiners are available in either Cream or Charcoal


**Unit of Sale** Box

**Unit of Sale Net Weight (kg)** 13.8

## Performance

|   |   |
|---|---|
| <b>Fire Test Result</b>   | ISO 9705: Group 1, BS EN 13501.1: Classification B - s1, d0, ASTM E84 Adhered: Class 1 or A       |
| <b>Acoustic Performance Standard Test Method</b>                            | AS ISO 354: 2006 (R2016)  |
| <b>Noise Reduction Coefficient (NRC) Result</b>                             | EchoPanel® 24mm achieves:<br>Direct fix: 0.65, 20mm air gap: 0.75, 50mm air gap: 0.85             |
| <b>Sound Absorption Average (SAA) Result</b>                                | EchoPanel® 24mm achieves:<br>Direct fix: 0.63   |
| <b>Weighted Sound Absorption Coefficient (<math>\alpha_w</math>) Result</b> | EchoPanel® 24mm achieves: Direct fix: 0.45 (MH), 20mm air gap: 0.50 (MH), 50mm air gap: 0.70 (MH) |
| <b>Sound Absorption Class</b>   | D (Direct fix)  |
| <b>Additional Acoustic Information</b>                                      | Sound Absorption Class result is based on EchoPanel® 24mm. 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   |

## Sustainability

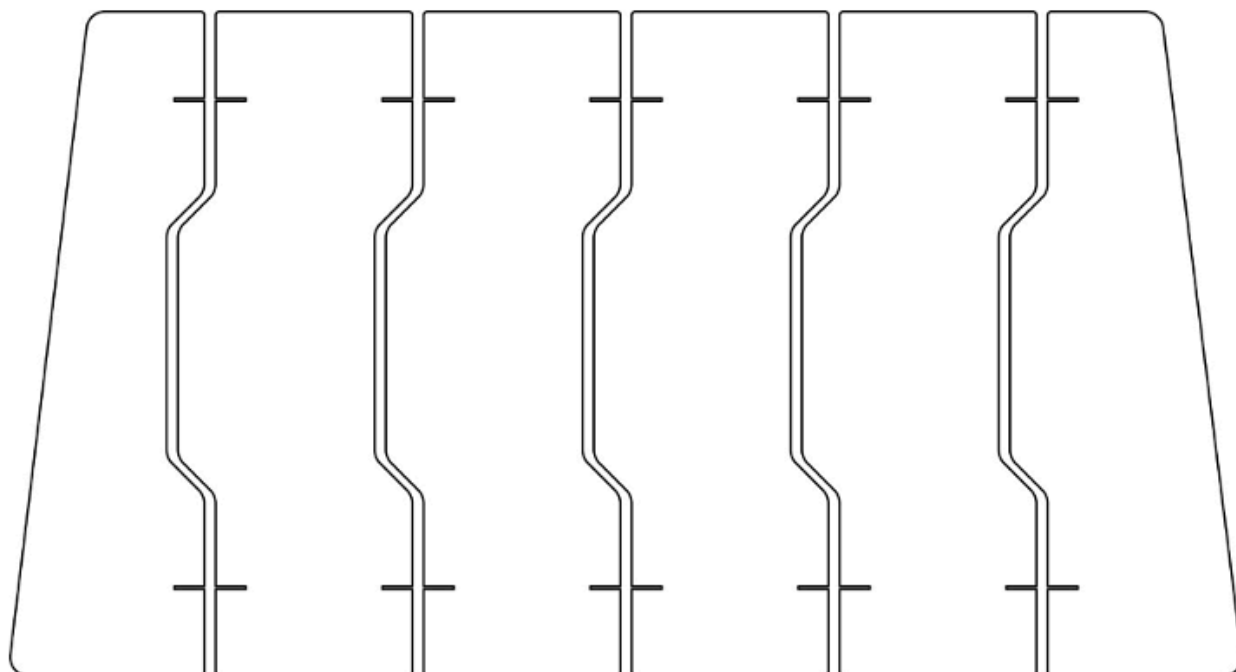
|   |  |
|---|--|
| <b>VOC Emissions Results</b>              | EchoPanel 24mm achieves ASTM D5116: TVOC Emissions Rate: $<0.02\text{mg/m}^2/\text{hr}$ (7 days), and CDPH Standard Method v1.2: TVOC Emissions Rate: $<0.054\text{mg/m}^3$ ; Formaldehyde Emissions Rate: $<2\mu\text{g/m}^3$ |
| <b>Sustainability Performance</b>         |   |
| <b>Sustainability Performance Details</b> | EchoPanel achieves GreenTag Certification GreenRate: Level A & Health Rate Platinum, Red List Free, and has an International   |

Instructions

**Additional Information** See Woven Image EchoPanel® Care & Cleaning Guide.

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

## Kit contents:



Female End Piece x 1  
1750 x 513.5mm

Middle Piece x 4  
1750 x 620mm

Male End Piece x 1  
1750 x 613.3mm

