

# 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

**Fire Test Result** ISO 9705: Group 1, BS EN 13501.1: Classification B - s1, d0, ASTM E84 Adhered: Class 1 or A

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

**Noise Reduction Coefficient (NRC) Result** EchoPanel® 24mm achieves: Direct fix: 0.65, 20mm air gap: 0.75, 50mm air gap: 0.85

**Sound Absorption Average (SAA) Result** EchoPanel® 24mm achieves: Direct fix: 0.63

**Weighted Sound Absorption Coefficient ( $\alpha_w$ ) Result** EchoPanel® 24mm achieves: 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** Sound Absorption Class result is based on EchoPanel® 24mm. MH = Mid to High Frequency

**Colour Fastness to Light Standard Test Method** ISO 105 B02

**Colour Fastness Light Rating** 6 - 7

## Sustainability

**VOC Emissions Results** EchoPanel 24mm achieves ASTM D5116: TVOC Emissions Rate:  $<0.02\text{mg}/\text{m}^2/\text{hr}$  (7 days), and CDPH Standard Method v1.2: TVOC Emissions Rate:  $<0.054\text{mg}/\text{m}^3$ ; Formaldehyde Emissions Rate:  $<2\mu\text{g}/\text{m}^3$

**Sustainability Performance**



**Sustainability Performance Details** EchoPanel achieves GreenTag Certification GreenRate: Level A &

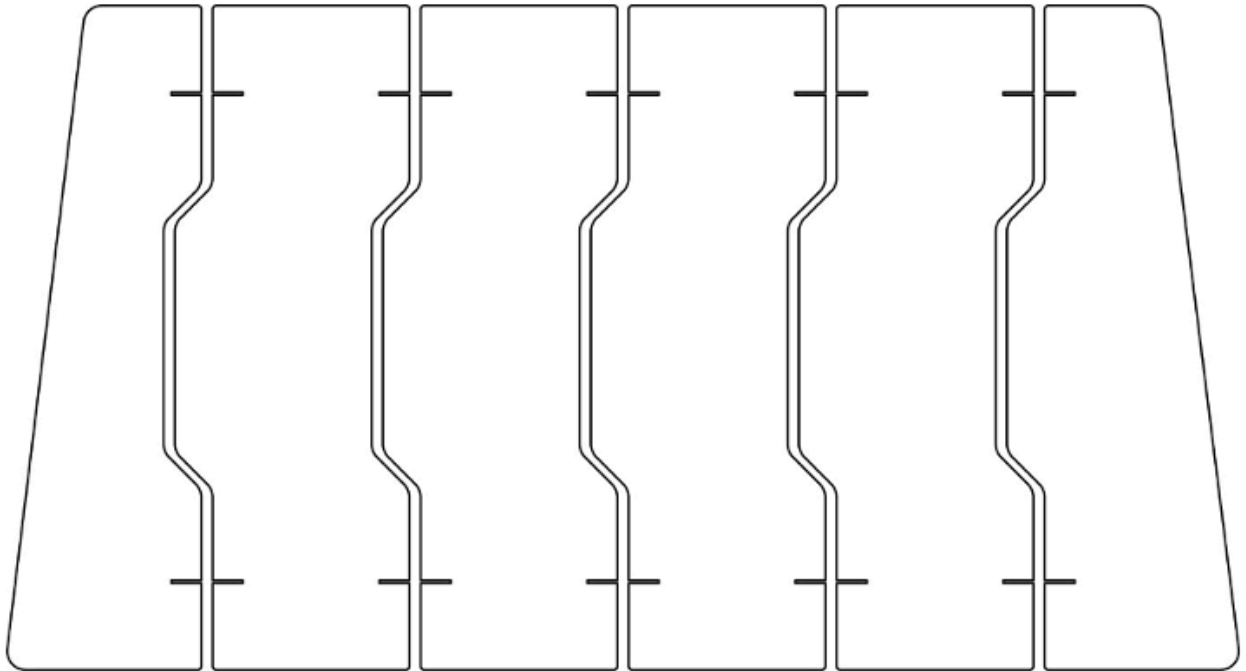
Health Rate Platinum, Red List Free, and has an International Living Future Institute Declare Label.

## 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

