

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 (α_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 &

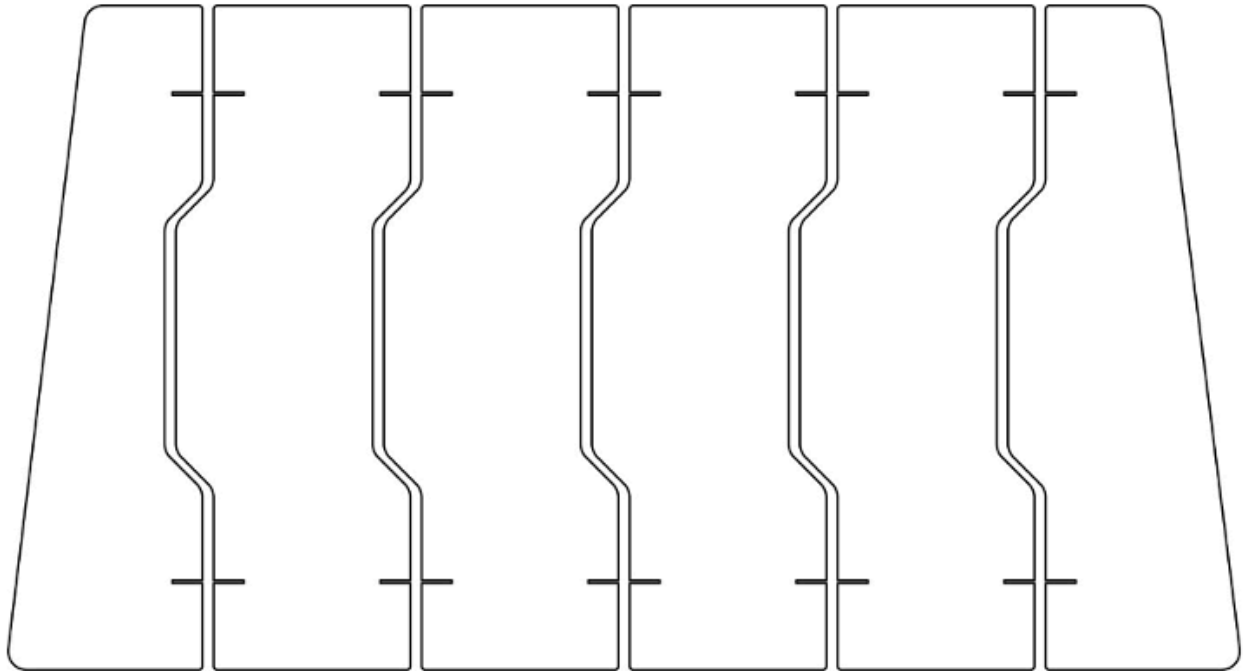
Health Rate Platinum, Red List Free, and has an International Living Future Institute Declare Label.

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

