

EchoPanel® Element

Designer: Woven Image

Application(s): Ceilings

Composition & Pattern

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

Hardware Composition ABS Plastic & Steel

Colours Available 3

Kit & Box Content

Box Contents 8 x EchoPanel® Blades & 2 x Ceiling Clip 24mm Kits

Component Details

- x2 Ceiling Clip 24mm Kits
- 16 x Ceiling grid clips
- 16 x Panel clips
- 16 x E-clips
- 16 x Washers

24mm Suspension kit includes (sold separately):

- 4 x Ceiling fixtures
- 4 x Steel cables (Length: 2000mm & Thickness: 1.5mm per cable)

Dimensions & Weight

Dimensions (Overall assembly) Length: 2350mm (+/- 2mm), Width: 2350mm (+/- 2mm), Depth: 215mm (+/- 5mm), Panel Thickness: 24mm (+/- 7%)

Unit of Sale Box

Unit of Sale Net Weight (kg) 14

Performance

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

Acoustic Performance Standard Test Method AS ISO 11654: 2002 (2016), ASTM C423 - 17

Noise Reduction Coefficient (NRC) Result Direct fix: 0.35, 200mm air gap: 0.35

Sound Absorption Average (SAA) Result Direct fix: 0.36, 200mm air gap: 0.35

Weighted Sound Absorption Coefficient (α_w) Result Direct fix: 0.40, 200mm air gap: 0.35

Sound Absorption Class D (Direct fix)

Equivalent Absorption Area (A_{eq}) in m^2 Sabins Direct fix: 1000Hz = 4.37m²

Additional Acoustic Information H = High Frequency & 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: <0.02mg/m²/hr (7 days), and CDPH Standard Method v1.2: TVOC Emissions Rate: <0.054mg/m³; Formaldehyde Emissions Rate: <2µg/m³

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

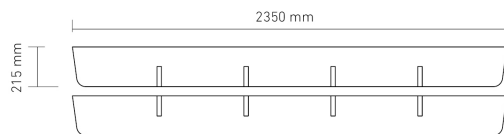
See Woven Image EchoPanel® Care & Cleaning Guide.
See Woven Image EchoPanel® Element Installation Guide.

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

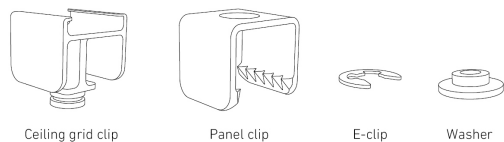
ELEMENT KIT CONTENTS:

1 x Installation guide

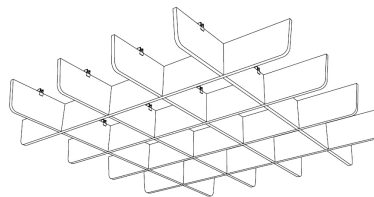
8 x cut EchoPanel® blades (100% PET 60% PET recycled)



2 x ceiling clip 24mm kits (ABS plastic) - Total of 16 each:

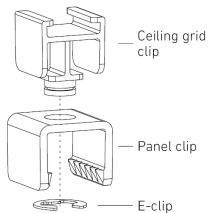


OVERALL ASSEMBLY:

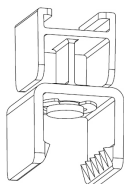


Direct to ceiling grid:

Exploded view

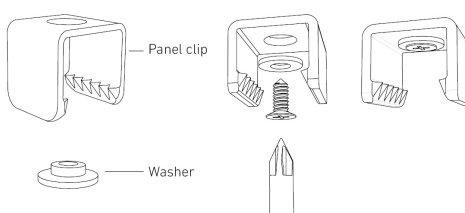


Assembled view



Screw fix direct to ceiling:

Exploded view

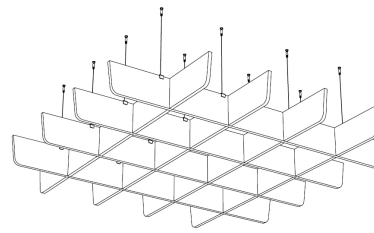
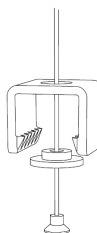


Assembled view
(screw not provided in kit)



Suspended:

Shown installed with 24mm Suspension kit:
24mm Suspension kits are sold separately and designed for use with Ceiling clip 24mm kits to connect to Element or other 24mm EchoPanel® baffle designs.



Please see Element Installation guide for further information.