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 (αw) Result	Direct fix: 0.40, 200mm air gap: 0.35
Sound Absorption Class	D (Direct fix)
Equivalent Absorption Area (Aeq) in m^2 Sabins	Direct fix: 1000Hz = 4.37m^2
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/m^2/hr (7 days), and CDPH Standard Method v1.2: TVOC Emissions Rate: <0.054mg/m^3; Formaldehyde Emissions Rate: <2μg/m^3

Sustainability Performance

Low VOC

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.
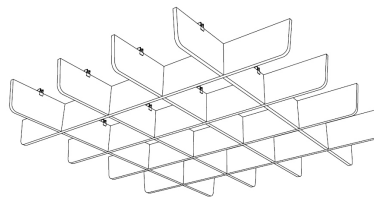
ELEMENT KIT CONTENTS:

1 x Installation guide

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

2350 mm

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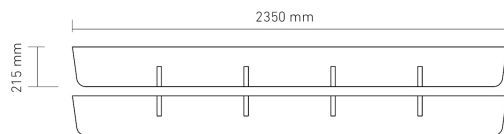
2 x ceiling clip 24mm kits (ABS plastic) - Total of 16 each:

Ceiling grid clip   Panel clip   E-clip   Washer
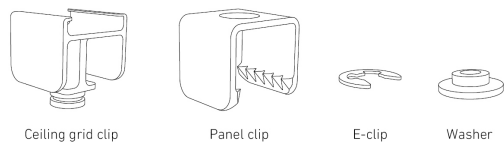
OVERALL ASSEMBLY:

Direct to ceiling grid:

Exploded view   Assembled view

Ceiling grid clip

Panel clip

E-clip
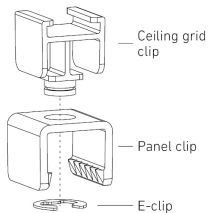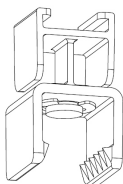
Screw fix direct to ceiling:
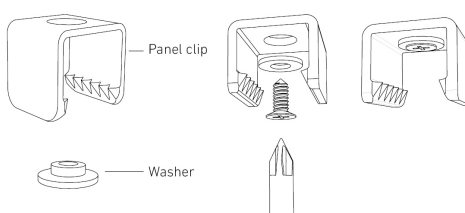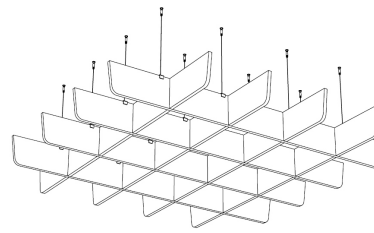
Exploded view   Assembled view
(screw not provided in kit)

Panel clip

Washer

Suspended:

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

Please see Element Installation guide for futher information.