

# Aero Baffles



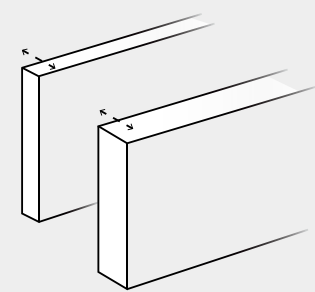




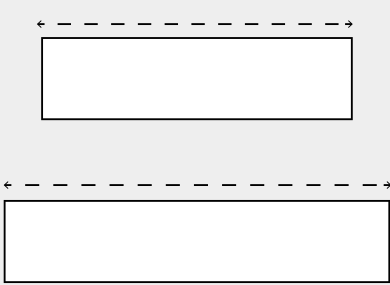
Sleek and minimal, Aero Baffles are versatile acoustic solutions that will transform any space they occupy. Suspend these baffles from the ceiling to see and hear what a difference they make.

# How to Specify

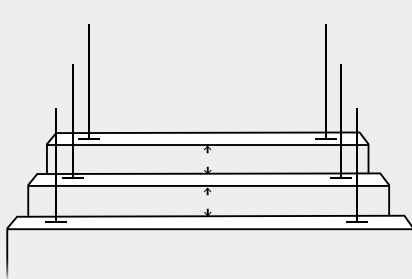
Step by step instructions on how to specify Aero Baffles.



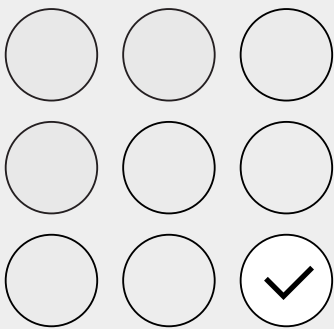
**01**  
**Choose thickness.**  
(pg 03)



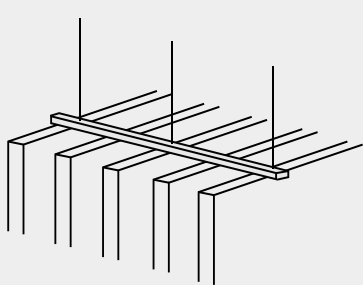
**02**  
**Choose baffle size.**  
(pg 03)



**03**  
**Choose baffle spacing.**  
(pg 04)



**04**  
**Choose colour.**  
(pg 05)



**05**  
**Choose installation method.**  
(pg 06-07)

# Dimensions

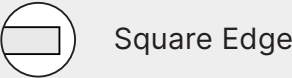
Standard Dimensions (mm)

- 1220 L x 305 H
- 2440 L x 305 H
- 2745 L x 305 H

Standard Thicknesses (mm)

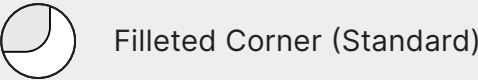
12, 18, and 24

Edge Detail

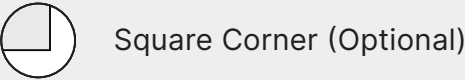


Square Edge

Corner Detail



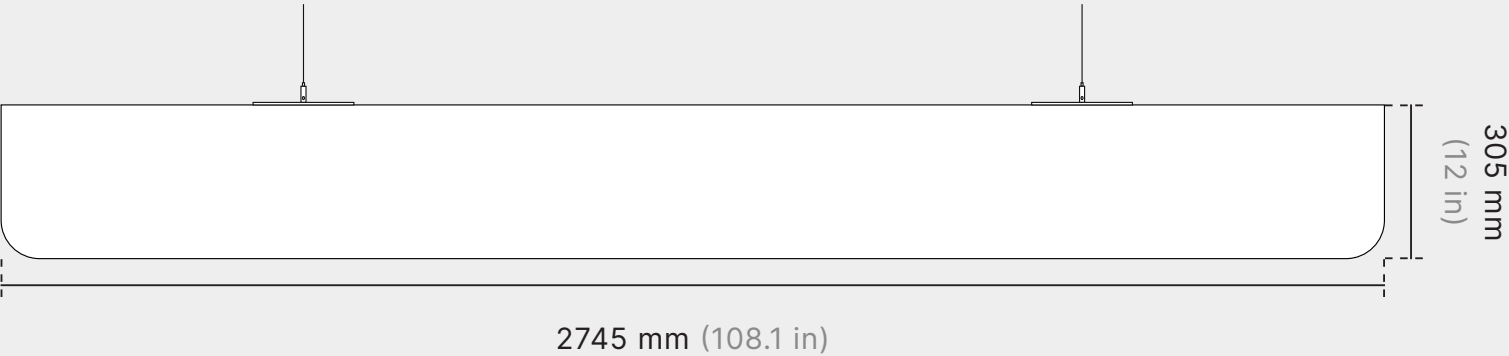
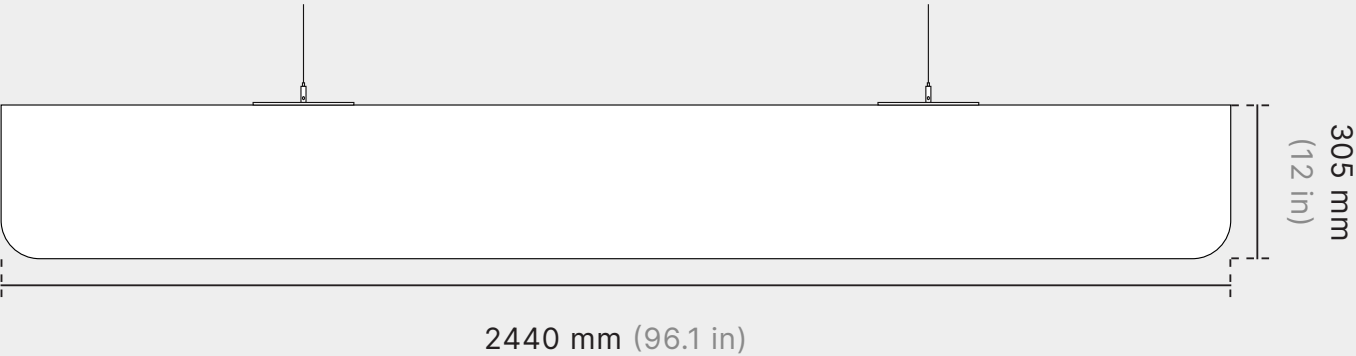
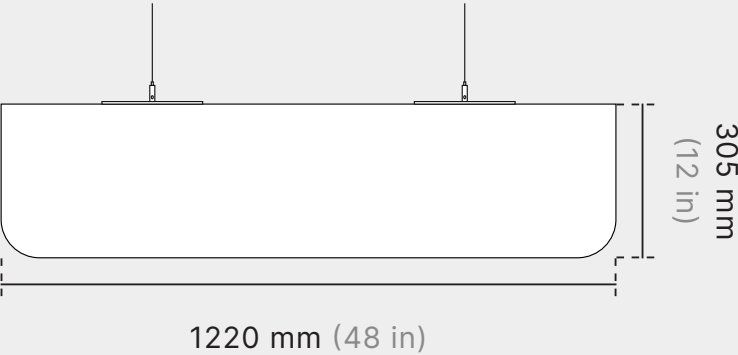
Filleted Corner (Standard)



Square Corner (Optional)

Customization

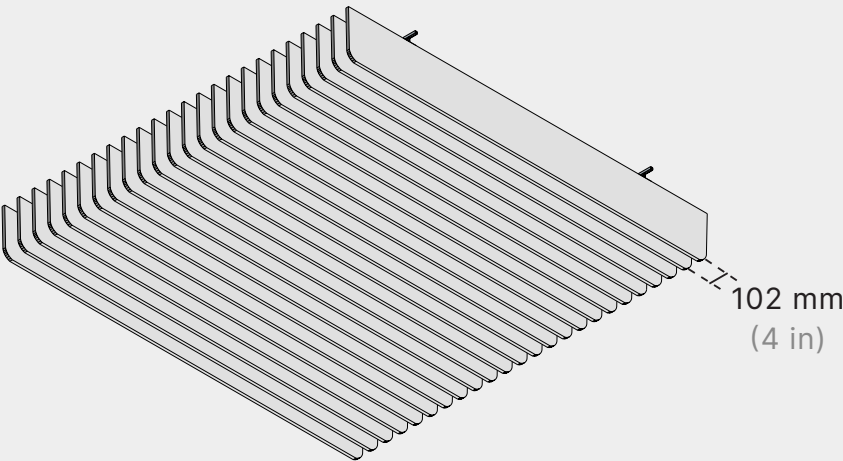
Baffle Length and Height can be customized to fit your space.



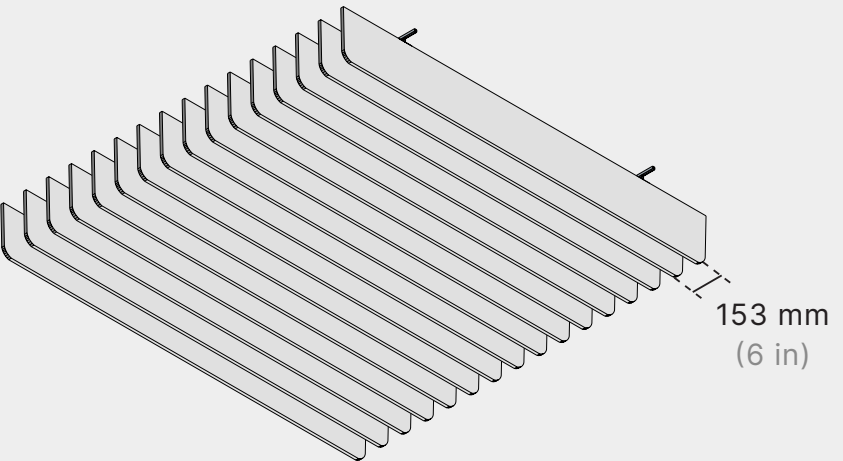
# Spacing

Aero Baffles in a cloud configuration makes installation a breeze. Choose from the following standard spacing options.

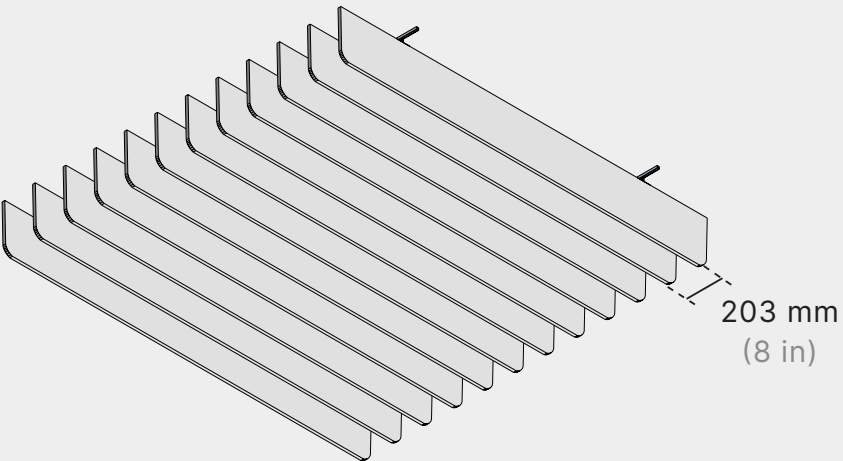
102 mm Spacing (O.C.)



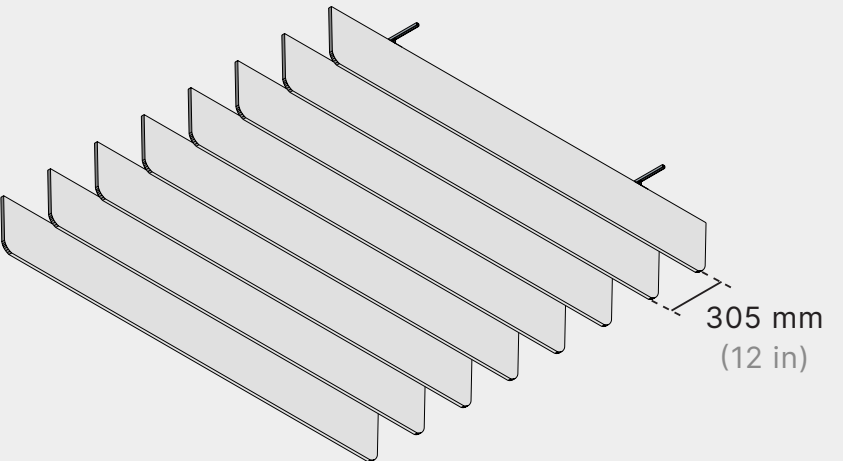
153 mm Spacing (O.C.)



203 mm Spacing (O.C.)



305 mm Spacing (O.C.)



**Customization**  
Custom spacing available.



# Standard Colours

Choose from any one of our standard colours.



Pure White  
SP 07



Urban Grey  
SP 79



Pumice  
SP 11



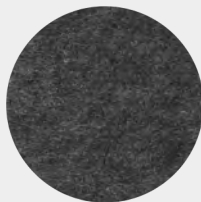
Warm Grey  
SP 76



Cool Grey  
SP 36



Mid Grey  
SP 37



Graphite  
SP 03



Black  
SP 13



Ivory  
SP 77



Beige  
SP 04



Sandstone  
SP 12



Taupe Grey\*  
SP 90



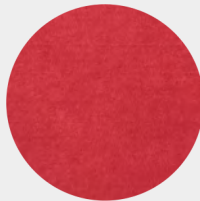
Castlerock\*  
SP 80



Blush Pink  
SP 81



Plum  
SP 72



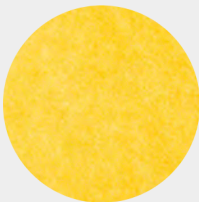
Red  
SP 08



Orange  
SP 46



Yam  
SP 28



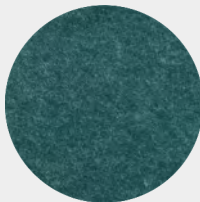
Sunflower  
SP 05



Chartreuse  
SP 43



Desert Sage  
SP 78



Peacock\*  
SP 82



Mustard\*  
SP 87



Olive\*  
SP 88



Moss\*  
SP 89



Lagoon\*  
SP 84



Azure\*  
SP 85



Forest Green  
SP 17



Ocean Green\*  
SP 86



Deep Sea Blue\*  
SP 83



Krypton  
SP 30



Pale Teal  
SP 74



Aquamarine  
SP 73



Dark Turquoise  
SP 71



Sky Blue  
SP 25



Navy  
SP 01



Midnight Blue  
SP 19



Purple  
SP 50

Don't see something you love? Ask us about creating your own custom colour.

All colours available in 9, 12, 18, and 24 mm unless noted otherwise.

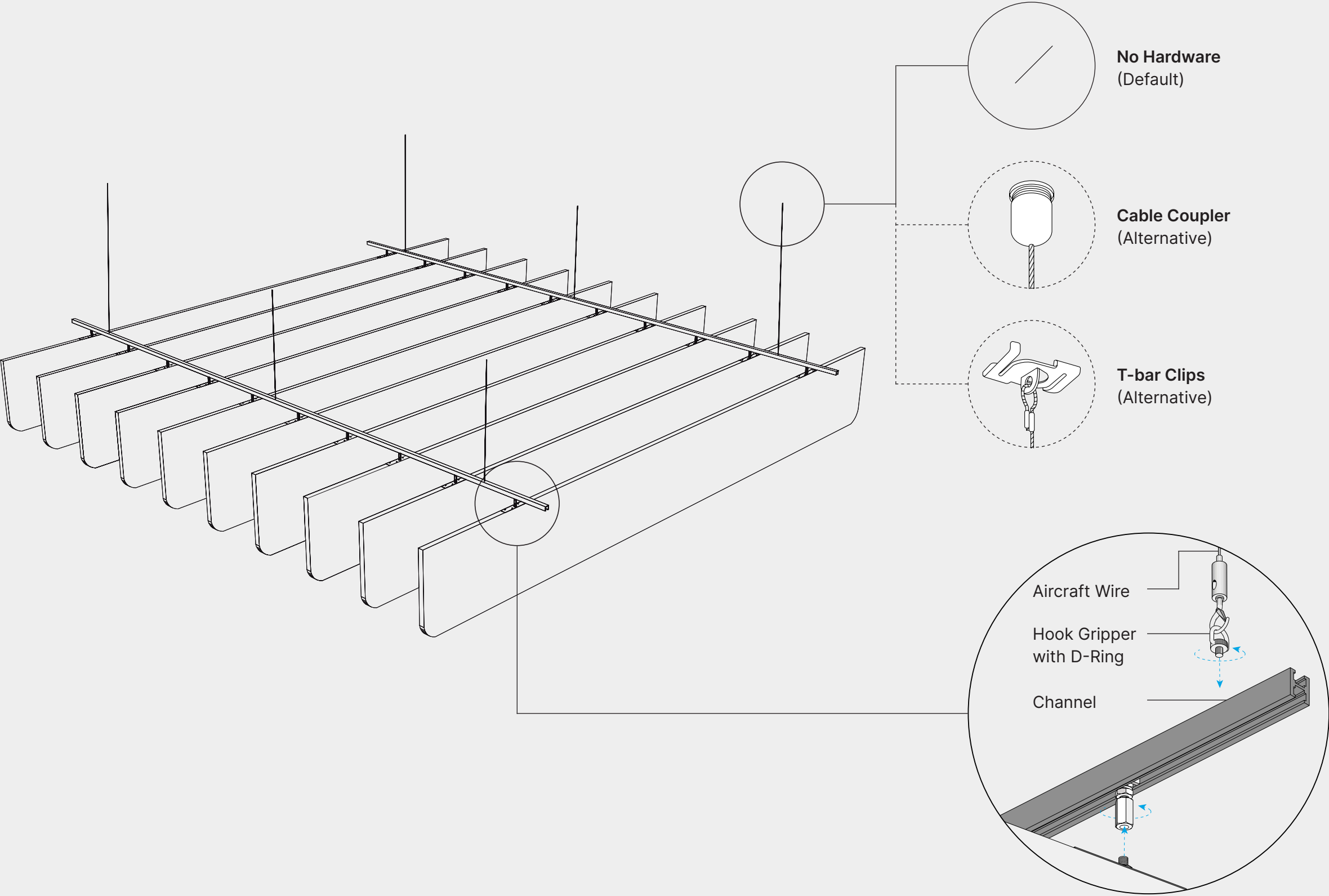
\* 12 mm / 24 mm only

# Installation Option 01

## Baffle Cloud Suspension Kit

Baffles are attached to channels and suspended in an array.

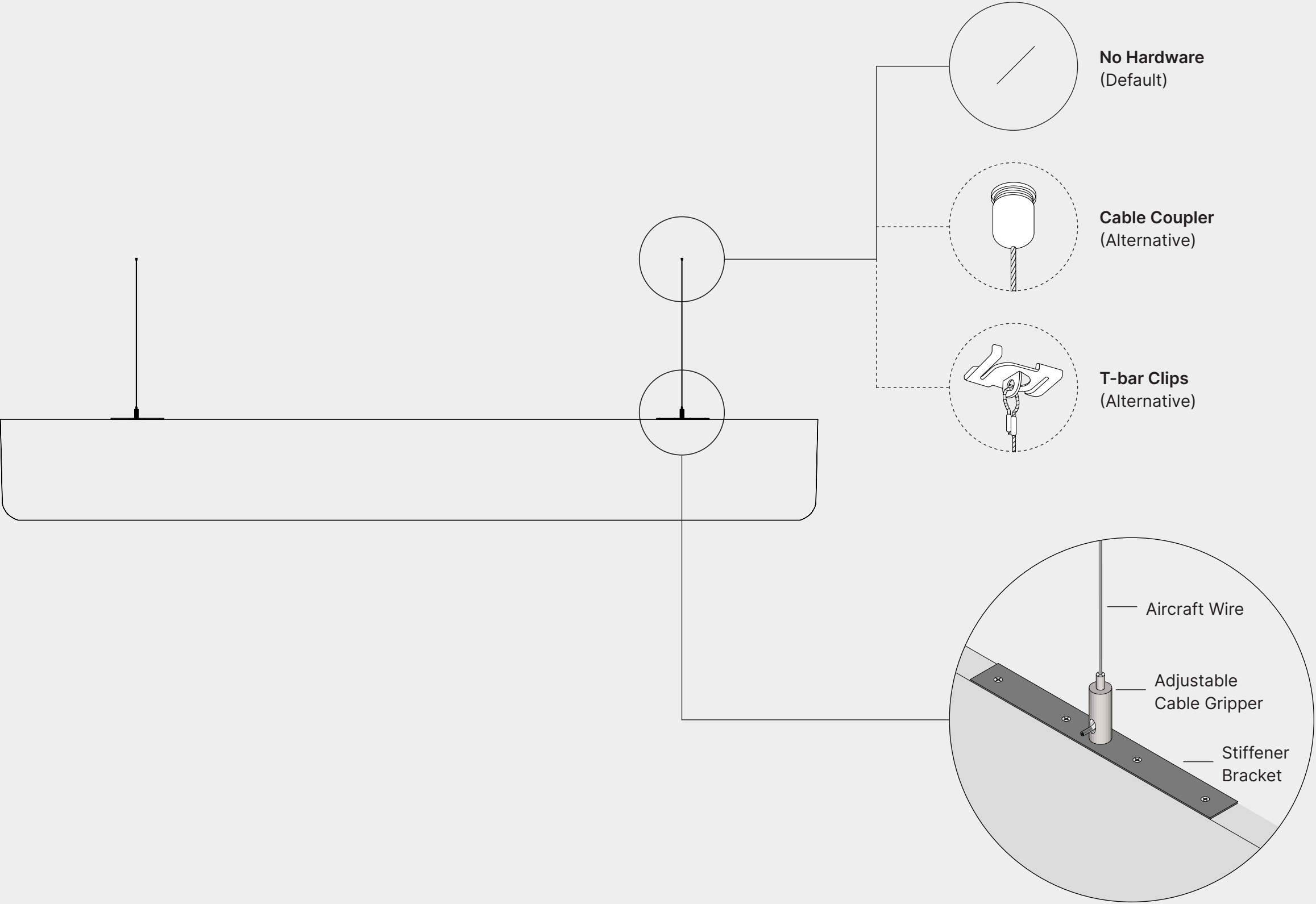
- Reduces the number of hanging points on the ceiling
- Hanging points can be moved along the channels



# Installation Option 02

## Individual Baffle Suspension Kit

Each baffle is suspended by its own set of aircraft wires.





# Product Specifications

## Aero Baffles

Composition

100% polyester fibre

VOC Emissions

CDPH (CA 01350)

Antimicrobial Testing

Mould & mildew resistant

Fire Rating

- ASTM E84 Class A
- CAN/ULC-S102.2-10



Sustainability

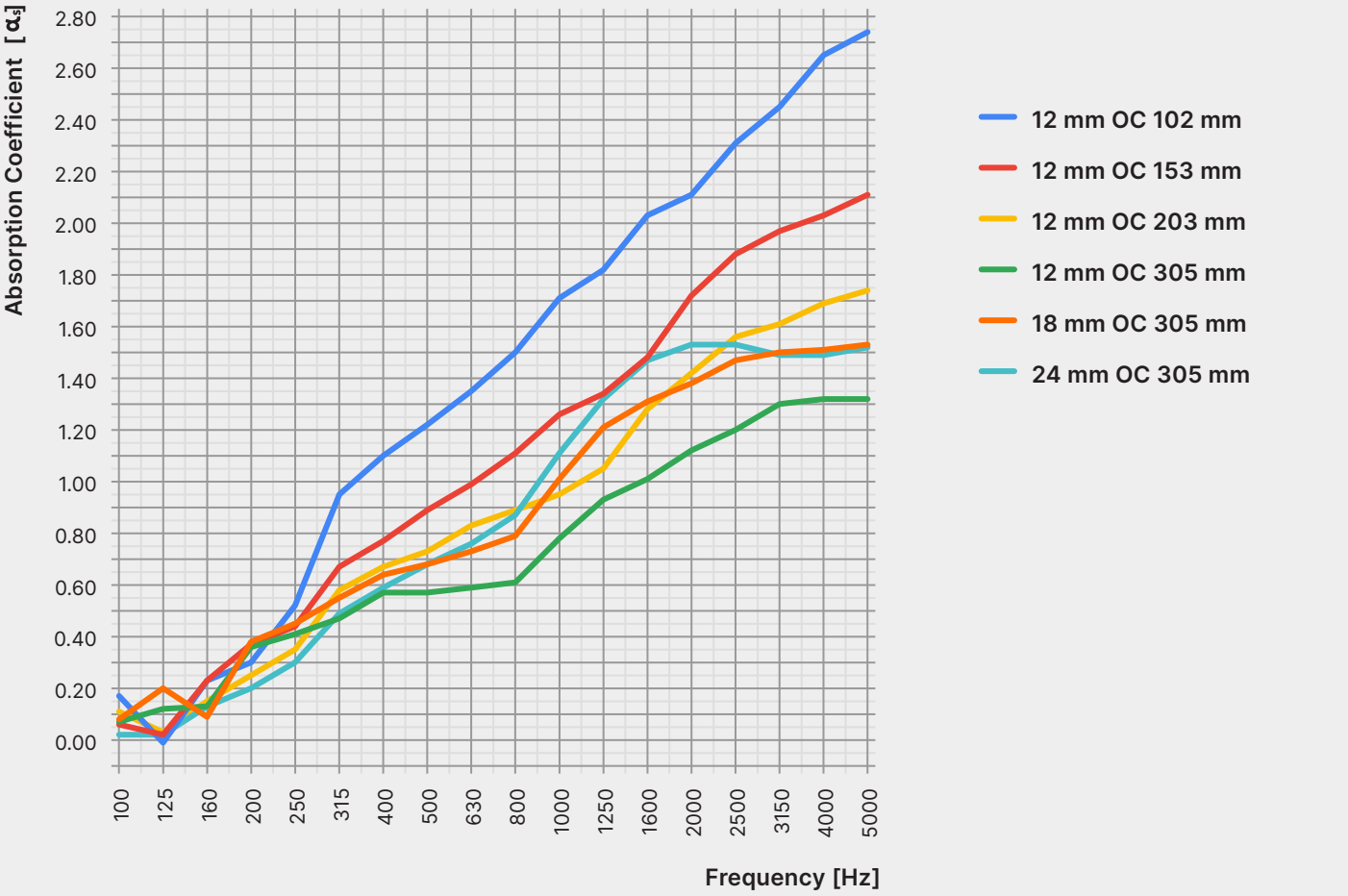
- 100% recyclable
- LBC Red List free
- Contributes to LEED certification
- Free of toxic substances and of off-gassing
- Made with ~60% recycled content from plastic water bottles

Colour & Texture Variations

The felting and dyeing process that forms the material contributes to its unique texture but also to variations in texture and colour from panel to panel. Products will be provided within an acceptable range of variation.

# Sound Absorption Graph

The following values reflect the acoustic properties of the product as tested in accordance with ASTM C423-09a.



	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	NRC	SAA
12 mm OC 102 mm	0.30	0.52	0.95	1.10	1.22	1.35	1.50	1.71	1.82	2.03	2.11	2.31	1.40	1.41
12 mm OC 153 mm	0.37	0.44	0.67	0.77	0.89	0.99	1.11	1.26	1.34	1.48	1.72	1.88	1.10	1.08
12 mm OC 203 mm	0.25	0.35	0.58	0.67	0.73	0.83	0.89	0.95	1.05	1.28	1.42	1.56	0.85	0.88
12 mm OC 305 mm	0.36	0.41	0.47	0.57	0.57	0.59	0.61	0.78	0.93	1.01	1.12	1.20	0.70	0.72
18 mm OC 305 mm	0.38	0.45	0.55	0.64	0.68	0.73	0.79	1.01	1.21	1.31	1.38	1.47	0.90	0.88
24 mm OC 305 mm	0.20	0.30	0.49	0.59	0.68	0.76	0.87	1.11	1.32	1.47	1.53	1.53	0.90	0.90

# Product Care

## Handling & Storage

Handle products with care so as to avoid folding the polyester felt, chipping its edges, or indenting its faces. Store products in their original containers in a well-ventilated area until the intended application environment is ready for installation. Allow products to acclimatize to environmental conditions. Lay them flat on their faces; do not stand them on their edges. Protect from moisture, heat, direct sunlight, and the elements.

## Warranty

AKUSTUS warrants the construction and finish of all our products to be free from defects in material and workmanship for a period of 1 year from the date of purchase.



## Maintenance

Lightly brush or gently vacuum to remove dust from polyester felt. Clean with warm water and mild, non-toxic soap to remove spills. Test solution on an inconspicuous spot before applying to more visible areas. Blot with a dry cloth after applying the solution to avoid saturating the material. Avoid applying too much pressure when cleaning the products.

