

# Billow Baffles



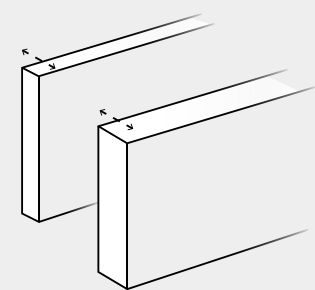




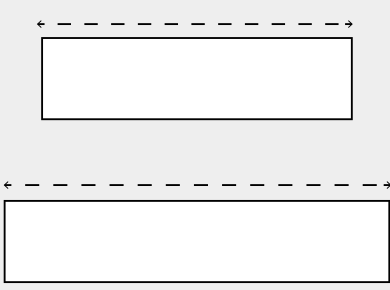
The calm from watching ocean waves ebb and flow. The awe from seeing a canopy of rolling clouds. Evoke those feelings and set people at ease with the Billow Baffle. Assembled in the form of a cloud, each system can be effortlessly hung from the ceiling.

# How to Specify

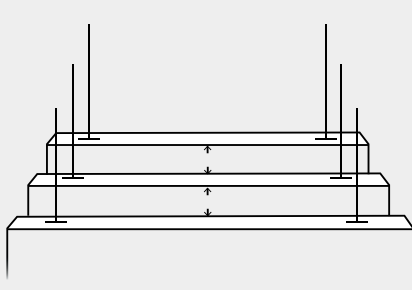
Step by step instructions on how to specify Billow Baffles.



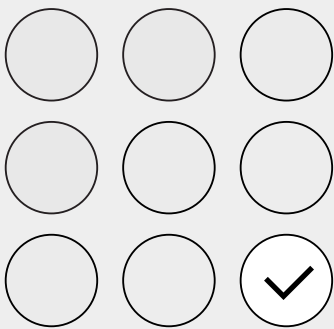
**01**  
**Choose thickness.**  
(pg 03)



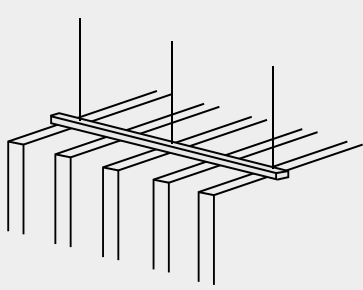
**02**  
**Choose baffle size.**  
(pg 03)



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



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



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

Dimensions


Standard Dimensions (mm)

2745 L x 400 H (max.)

Standard Thicknesses (mm)

12, 18, 24

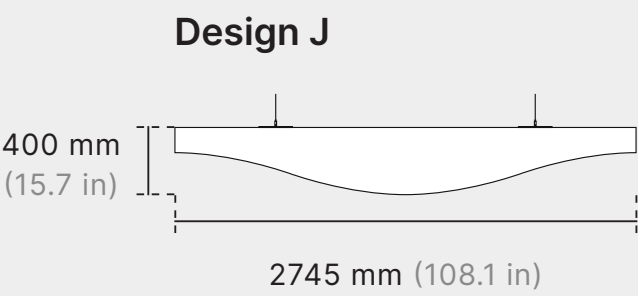
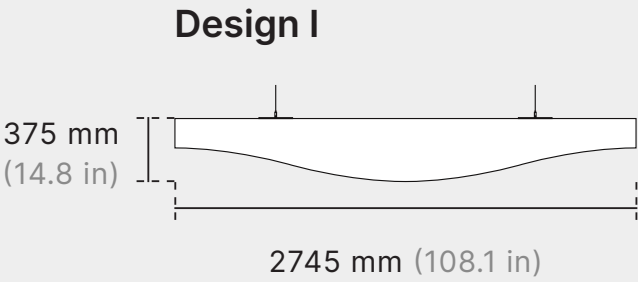
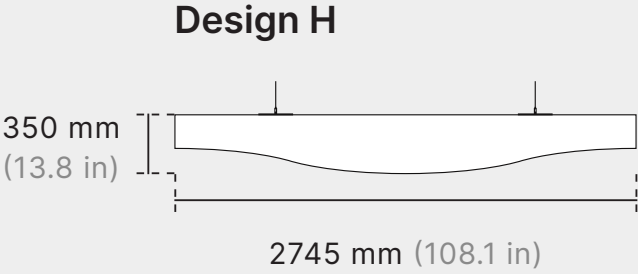
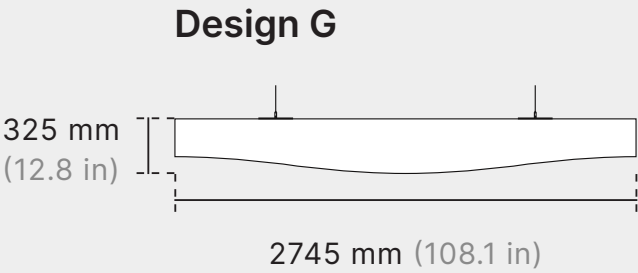
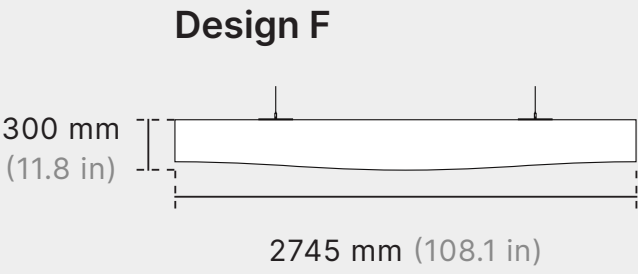
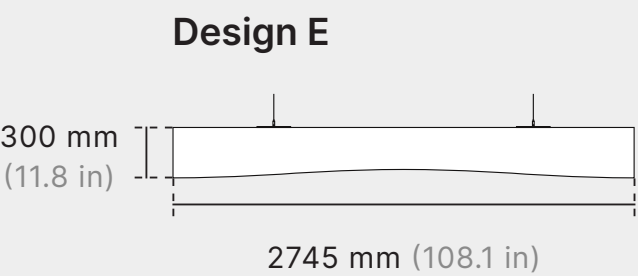
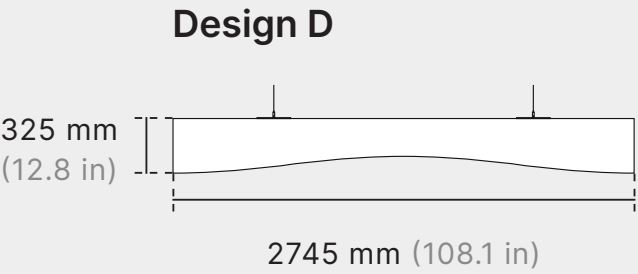
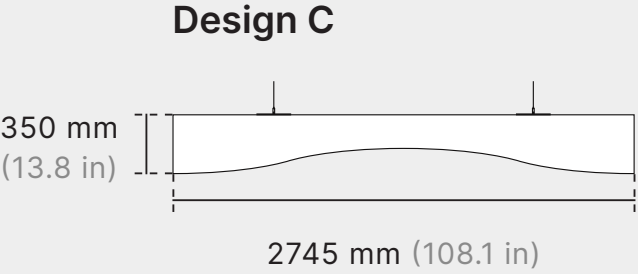
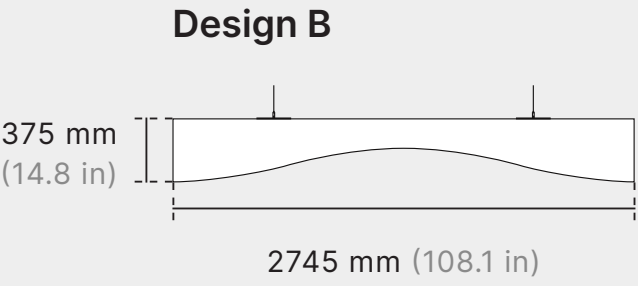
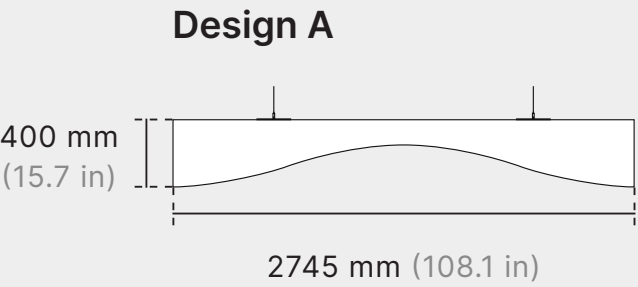
Edge Detail



Square Edge

Customization

Length and Height can be customized to fit your space.

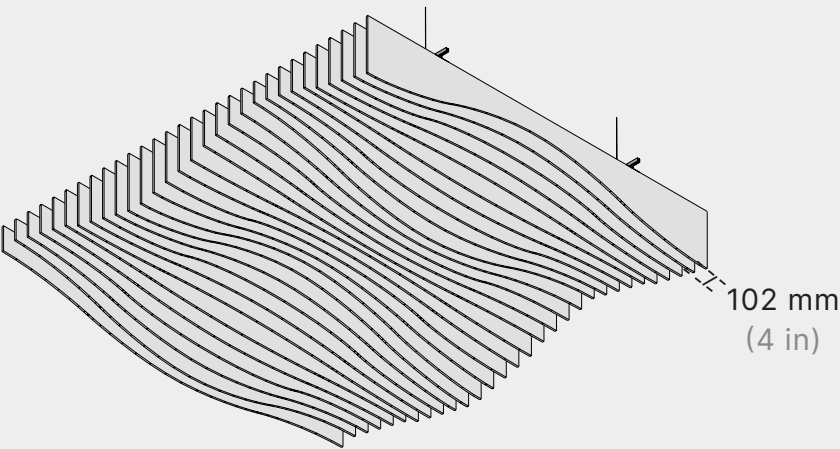




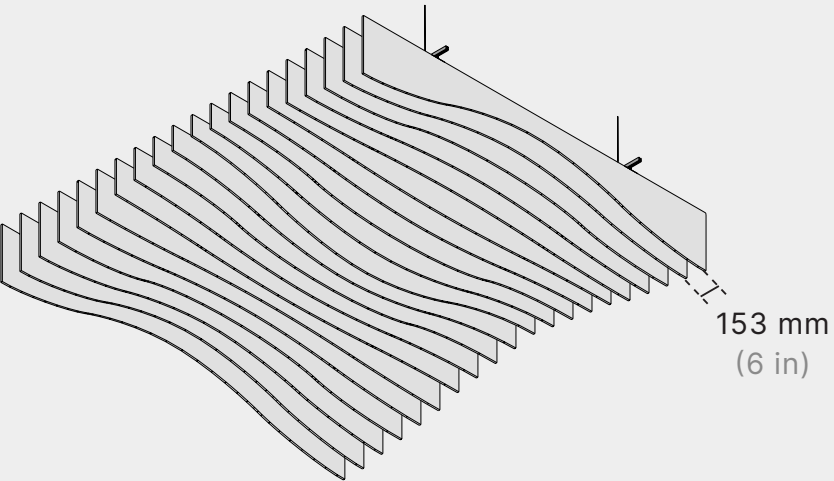
# Spacing

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

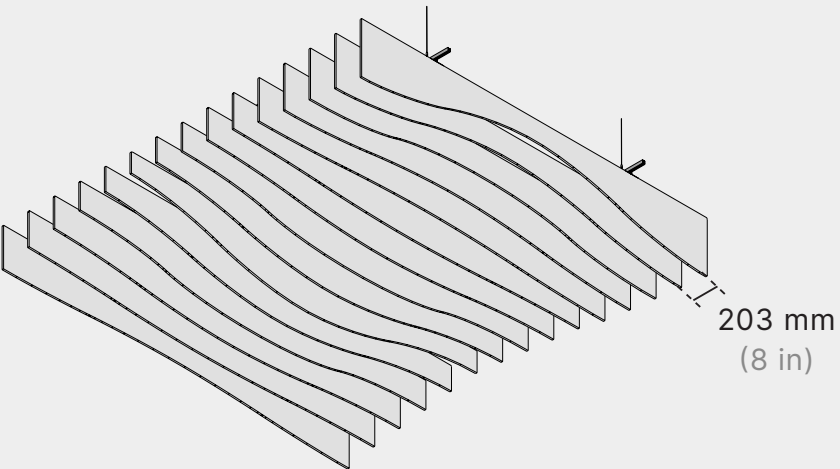
102 mm Spacing (O.C.)



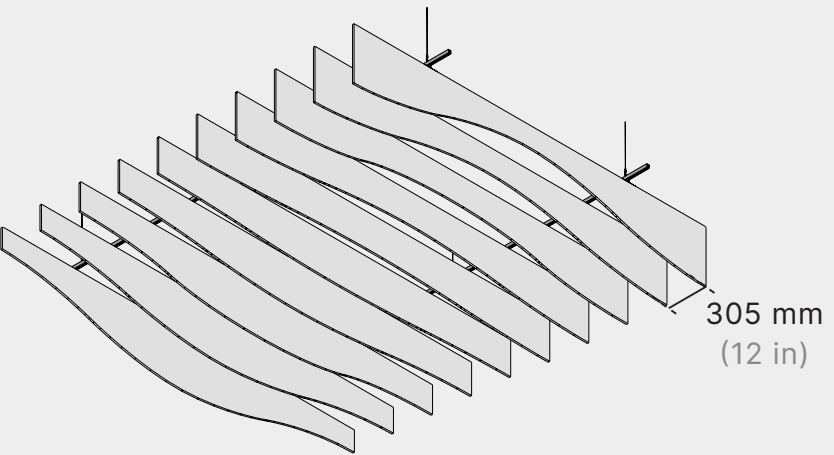
153 mm Spacing (O.C.)



203 mm Spacing (O.C.)



305 mm Spacing (O.C.)



**Customization**  
Custom spacing available.

# Standard Colours

Choose from any one of our standard colours.

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

\* Available in 12 / 24 mm only.  
All other colours available in 9, 12, 18, and 24 mm.

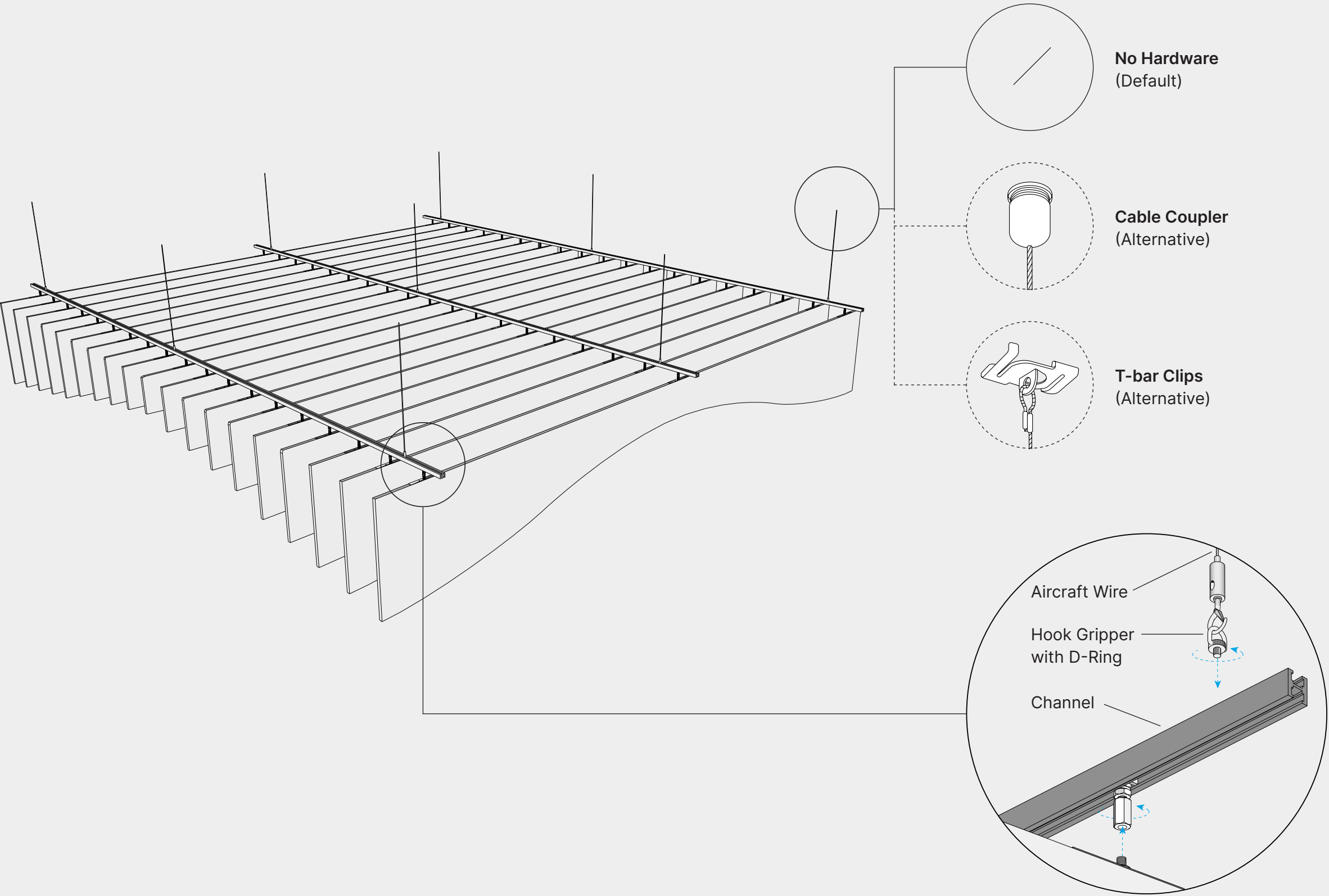
BILLOW				BAFFLES			AKUSTUS.COM
							
Pure White SP 07	Urban Grey SP 79	Pumice SP 11	Warm Grey SP 76	Cool Grey SP 36	Mid Grey SP 37	Graphite SP 03	Black SP 13
							
Ivory SP 77	Almond SP 91	Beige SP 04	Sandstone SP 12	Taupe Grey SP 90	Castlerock* SP 80	Yam SP 28	Tangerine* SP 92
							
Sunflower SP 05	Mustard* SP 87	Orange SP 46	Scarlet* SP 93	Blush Pink SP 81	Red SP 08	Plum SP 72	Purple SP 50
							
Pistachio* SP 95	Chartreuse SP 43	Olive* SP 88	Moss* SP 89	Desert Sage SP 78	Peacock SP 82	Ocean Green* SP 86	Forest Green SP 17
							
Aquamarine SP 07	Pale Teal SP 07	Lagoon* SP 07	Dark Turquoise SP 07	Azure* SP 07	Jordy Blue* SP 07	Sky Blue SP 07	Navy SP 07
							
Krypton SP 07	Deep Sea Blue* SP 07	Midnight Blue SP 07					

# Installation Option 01

## Baffle Cloud Suspension Kit

Baffles are attached to channels and suspended in an array.

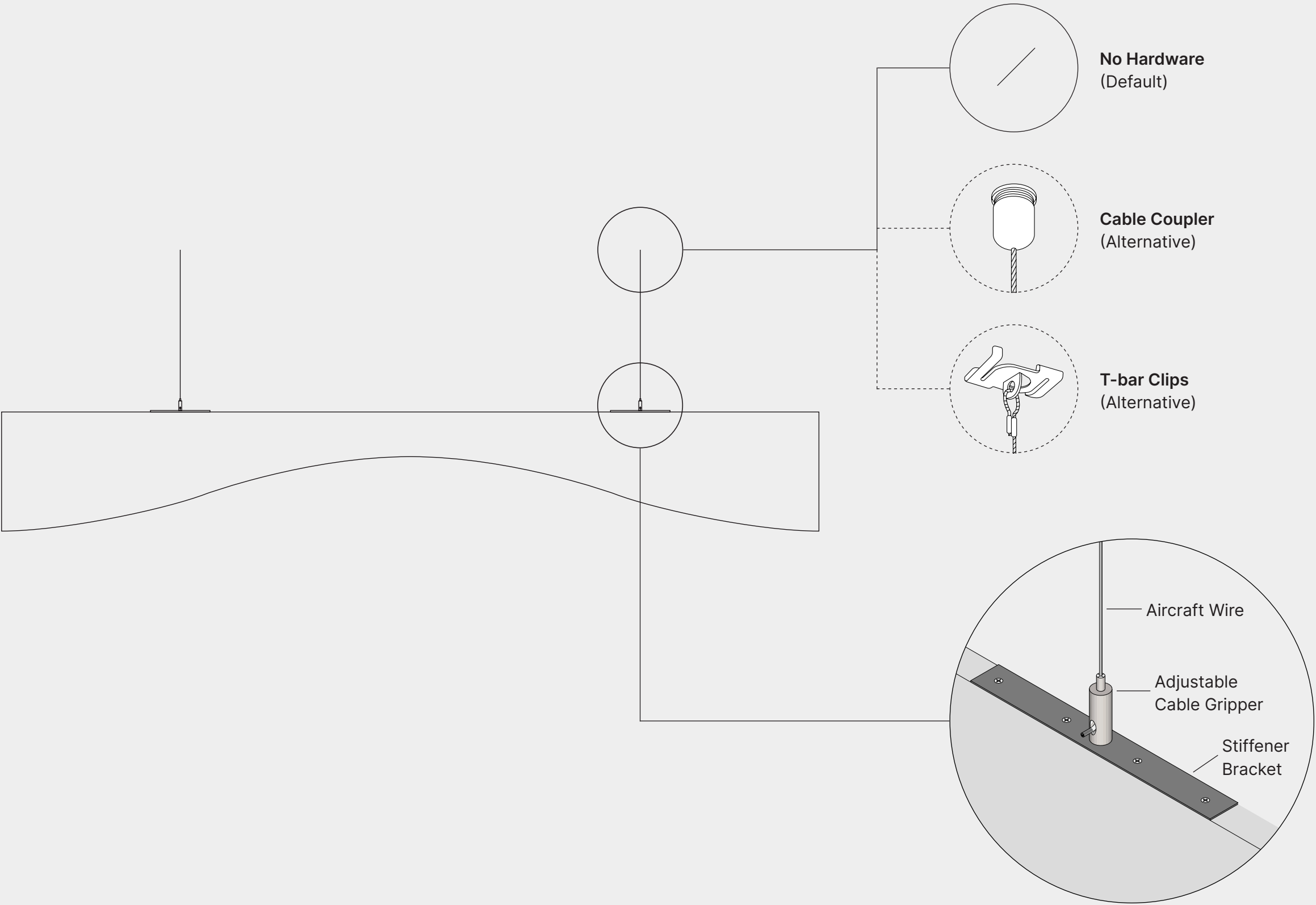
- Reduces the number of hanging points on the ceiling
- Hanging points can be moved along the channels



# Installation Option 02

## Individual Baffle Suspension Kit

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





# Product Specifications

## Billow Baffles

### Composition

100% polyester fibre

### Health & Safety

- Fire-rated
  - ASTM E84 Class A
  - CAN/ULC-S102.2-10 compliant
- Low VOCs
  - CDPH v1.2 compliant
- Mould & mildew resistant
  - ASTM C1338 compliant

### 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.

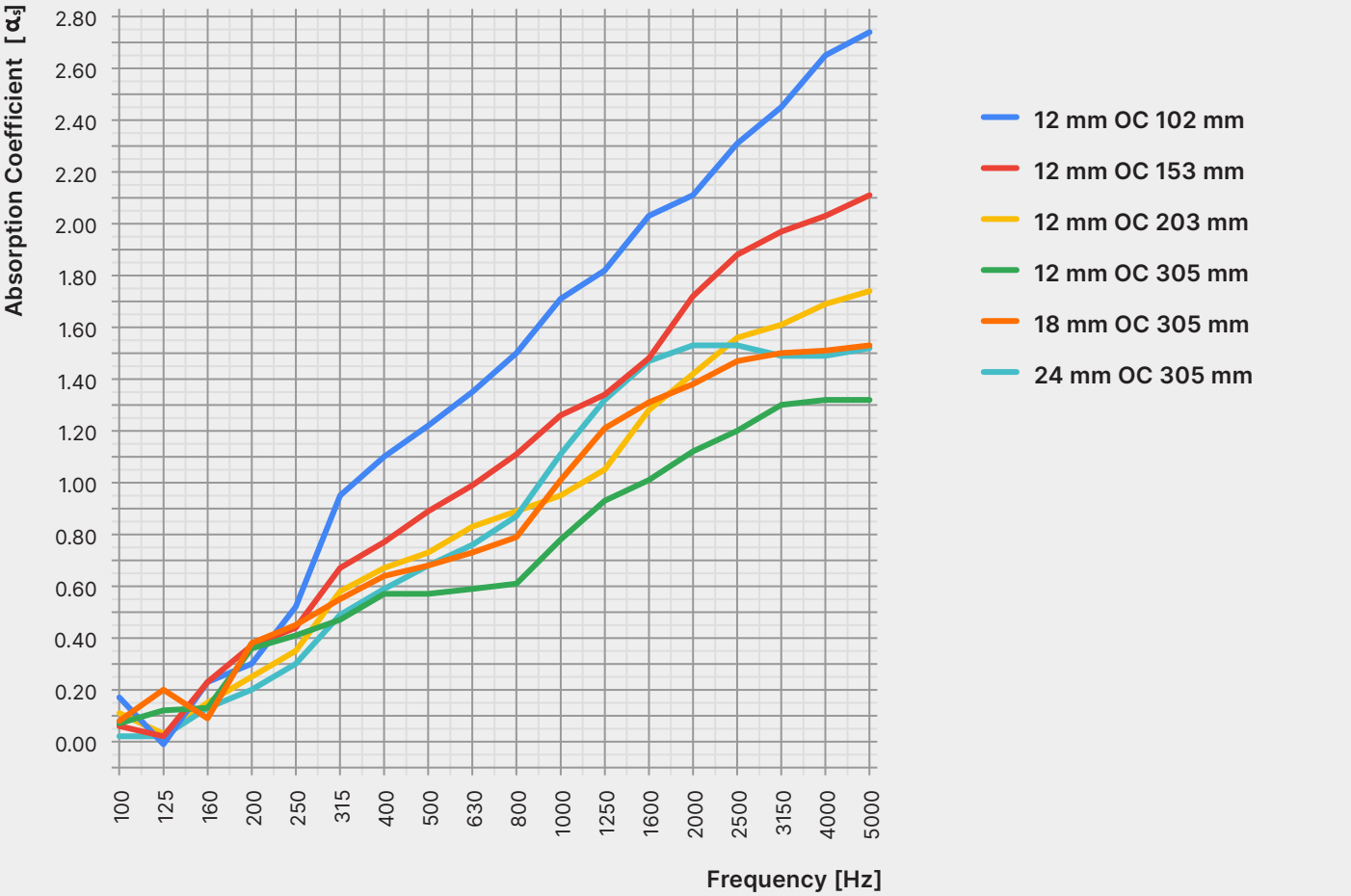
### Sustainability

- 100% recyclable
- Made with 60% post consumer recycled content
- Declare Red List free
- Contributes to LEED certification
- Environmental Product Declaration



# 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.

