



Solus

FilaSorb™ 12

acoufelt
making quiet

Product Detail

Application	Ceiling
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Thickness	12mm +/- 10%
Length	1200, 1400, 2400 & 2800mm
Depth	100 to 600mm Custom-made sizes available, please consult your Architectural Sales Manager

Guarantees

Warranty against defects 20 years*

Light fastness warranty 20 years*

*conditions apply

QuickShip



Talk to our team on our QuickShip lead times

Technical Data

Fire rating	AS/ISO 9705.1, Group 1 ASTM E84-17a, Class A EN 13501-1: 2019, B-s1, d0
Indoor air quality	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017, $\leq 0.5\text{mg}/\text{m}^3$
Color fastness	ISO 105-B02, 6-7

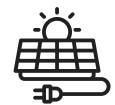
Sustainability



Made from 60% min. recycled content



Red List Free Declare Label (3rd Party Verified)



Generated using 40% solar energy



Recyclable at end-of-life



Total VOC's less than $0.5\text{mg}/\text{m}^3$ (3rd Party Verified)

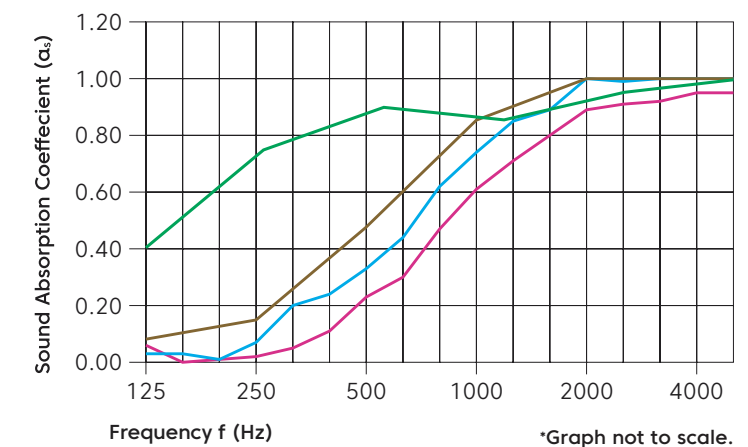


Phenol & formaldehyde free



Acoustic Performance

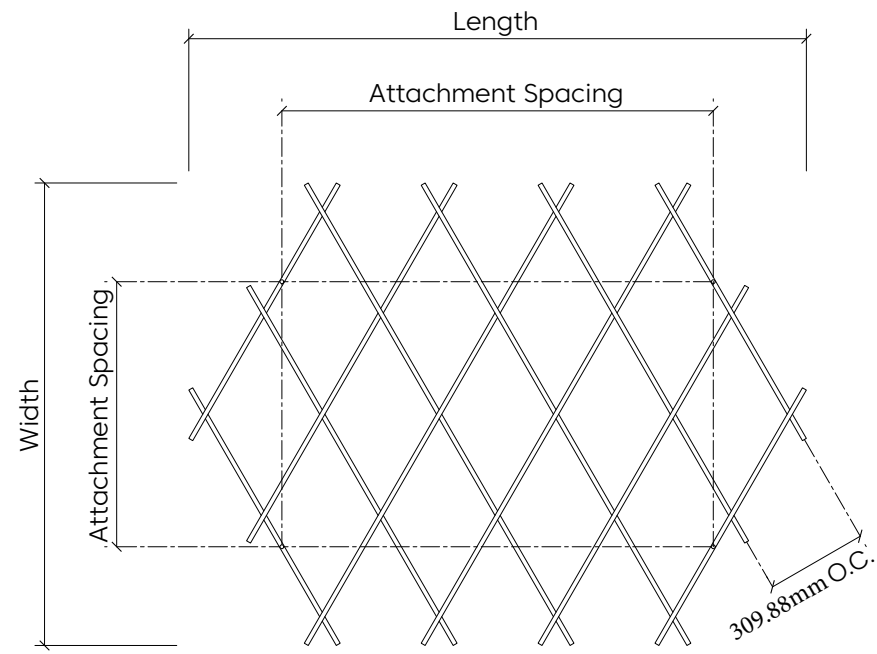
Test method	ISO 354-2006
Results	NRC 0.45 (no air gap) NRC 0.54 (12mm air gap) NRC 0.64 (20mm air gap) NRC 0.85 (200mm air gap)



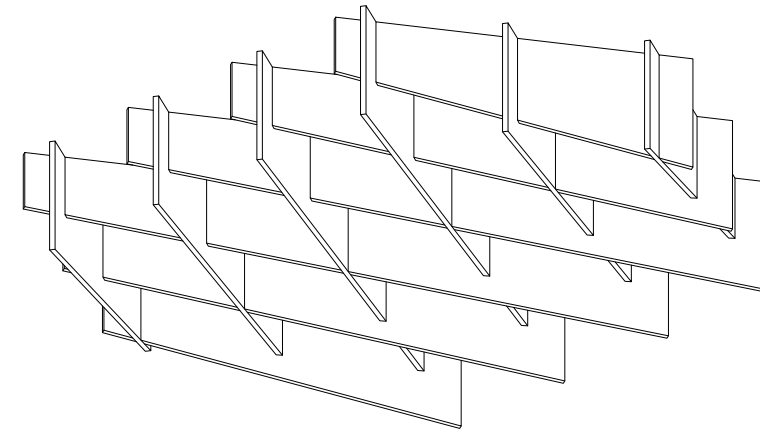
Frequency (Hz)	125	250	500	1000	2000	4000	NRC
α_s no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45
α_s 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54
α_s 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64
α_s 200mm air gap	0.40	0.75	0.90	0.85	0.95	1.00	0.85

Designs

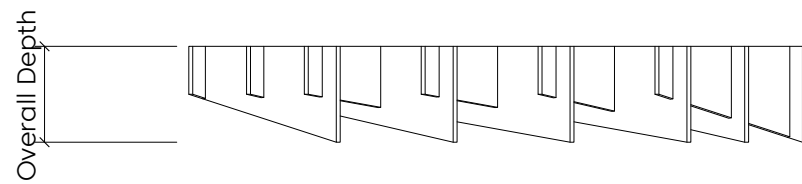
Plan



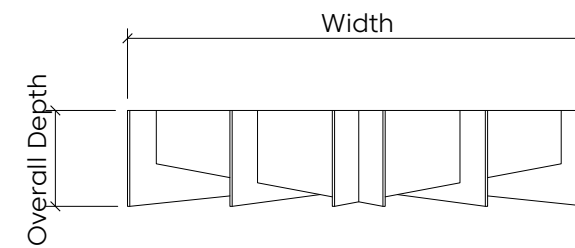
Perspective



Front Elevation

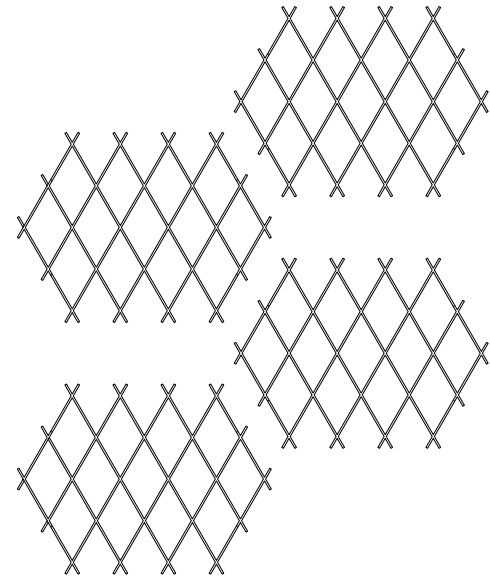


Side Elevation

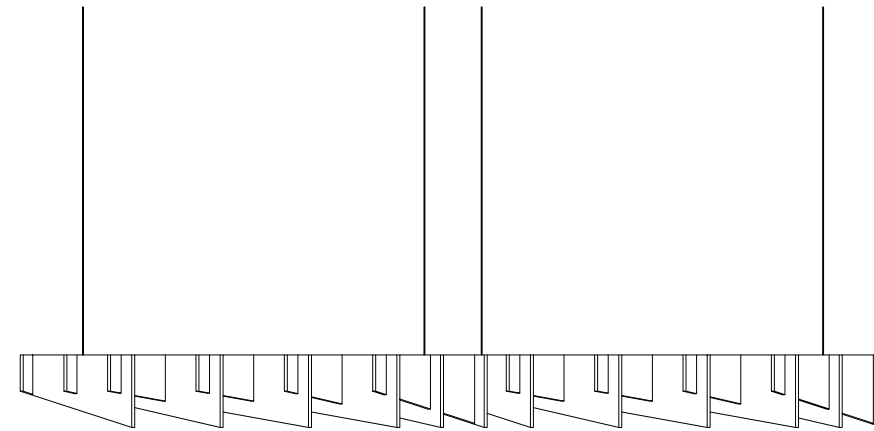


Layout Example 1

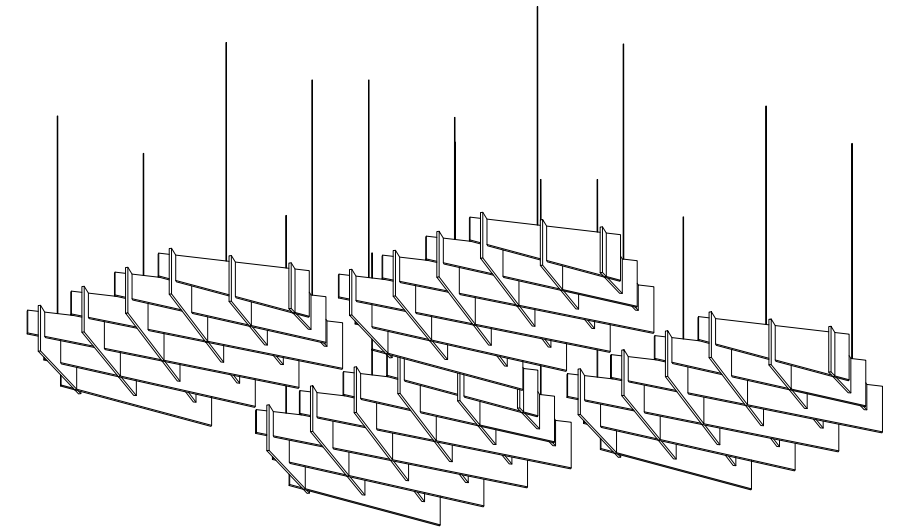
Plan



Elevation

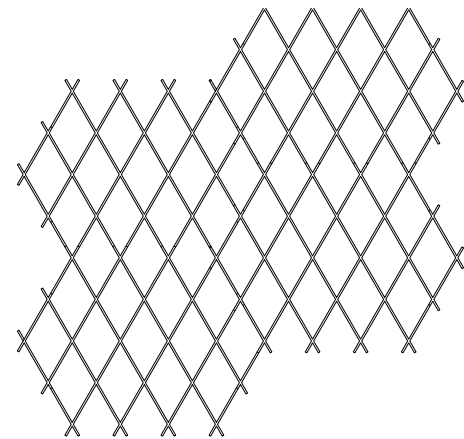


Perspective

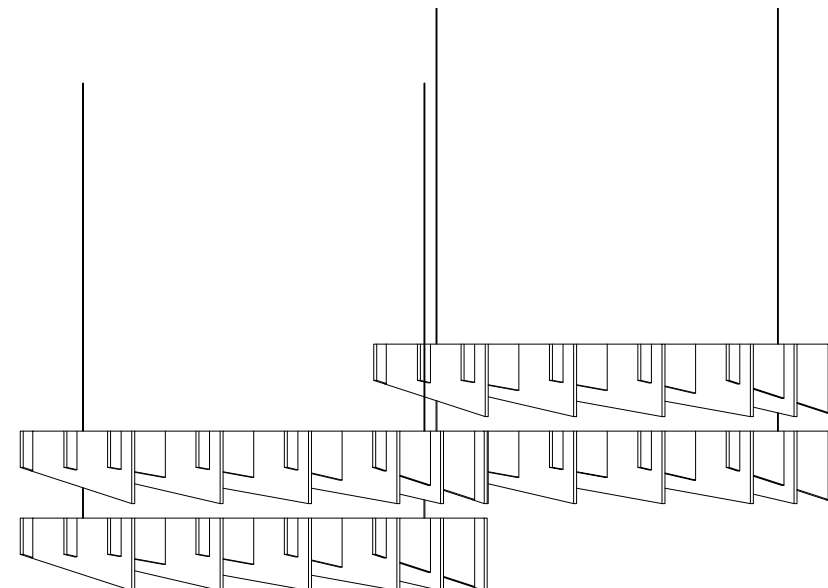


Layout Example 2

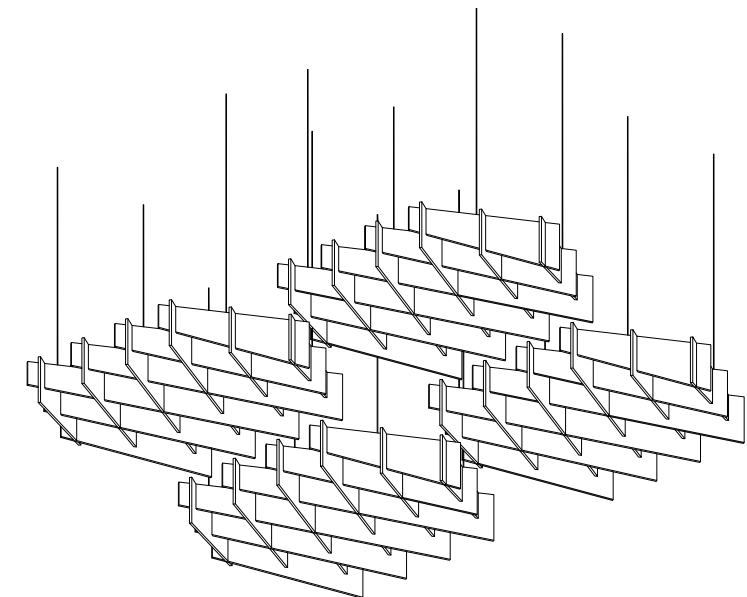
Plan



Elevation

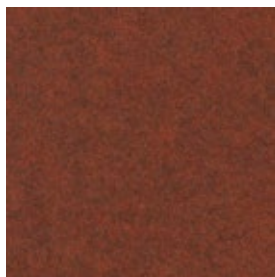
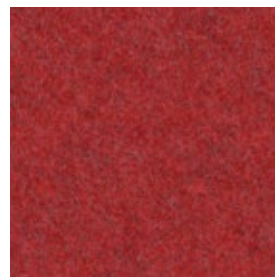


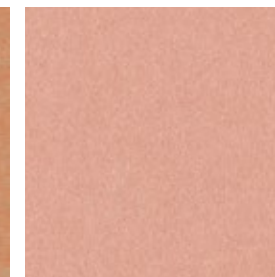
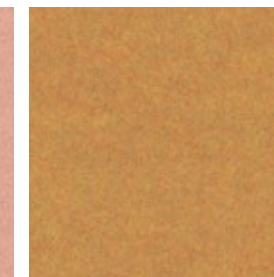
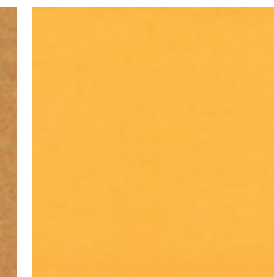
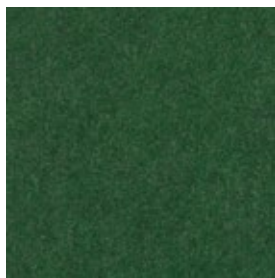
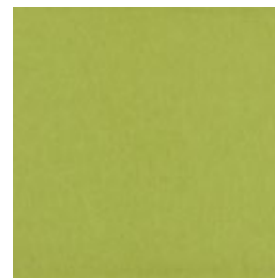
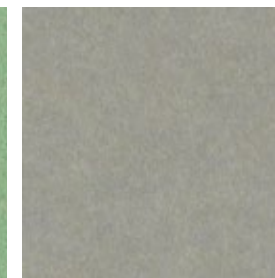
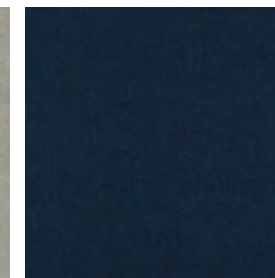
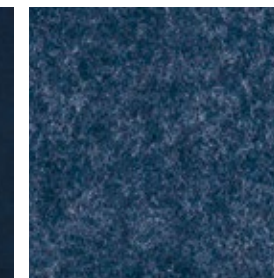
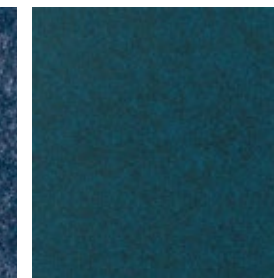
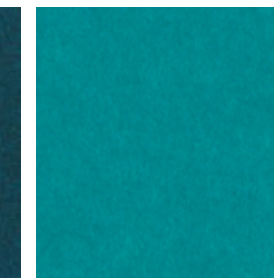


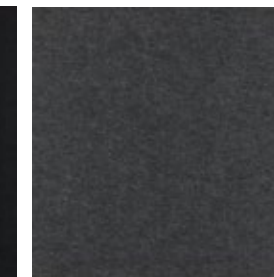


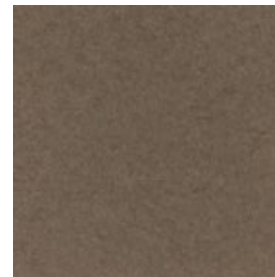
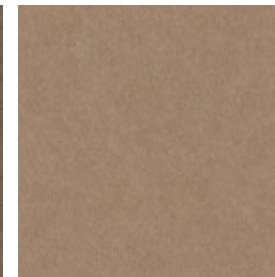





Perspective



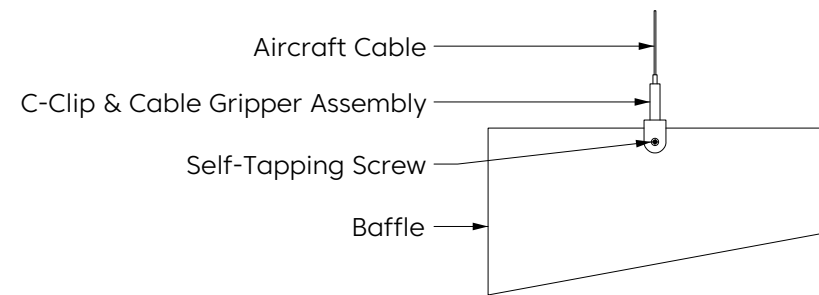
Colorways

Light Reflectance Values (LRV), are a measure of the percentage of visible and usable light that is reflected from a surface when illuminated by a light source.

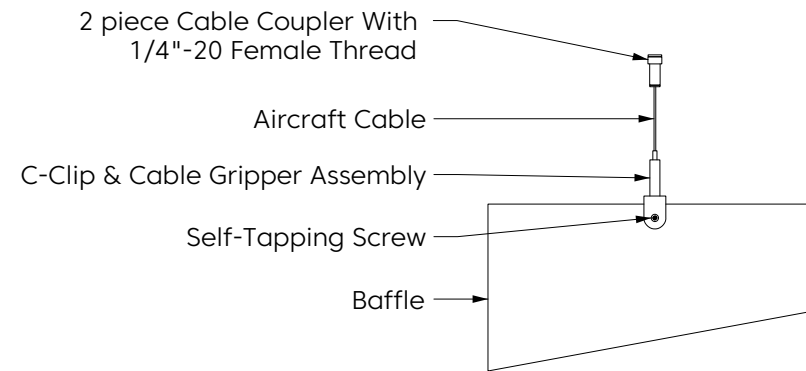
									
Peppercorn LRV – 8.50%	Currant LRV – 7.04%	Lipstick Red LRV – 12.50%	Carrot LRV – 20.00%	Peach LRV – 29.00%	Flamingo LRV – 37.54%	Turmeric LRV – 29.59%	Butter LRV – 62.00%	Popcorn LRV – 65.00%	Kale LRV – 4.50%
									
Oregano LRV – 8.80%	Thistle LRV – 13.00%	Wasabi LRV – 38.00%	Sencha LRV – 34.15%	Pistachio LRV – 30.00%	Midnight Blue LRV – 3.50%	Granite LRV – 6.40%	Denim LRV – 6.00%	Peacock LRV – 19.00%	Azur LRV – 18.00%
									
Marine LRV – 25.00%	Periwinkle LRV – 36.00%	Sea Salt LRV – 28.56%	Lilac LRV – 39.00%	Iris LRV – 10.50%	Berry LRV – 12.00%	Piano Black LRV – 3.00%	Charcoal LRV – 5.46%	Slate LRV – 12.50%	Grey LRV – 27.00%
									
Metal LRV – 35.00%	Platinum LRV – 42.00%	Walnut LRV – 12.14%	Umber LRV – 20.35%	Almond LRV – 53.64%	Ivory LRV – 40.00%	Pearl LRV – 54.00%	White LRV – 83.22%		

Mounting Methods

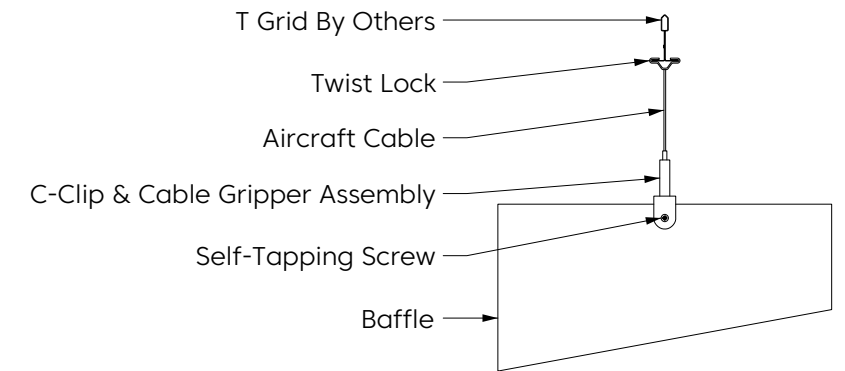
Cable



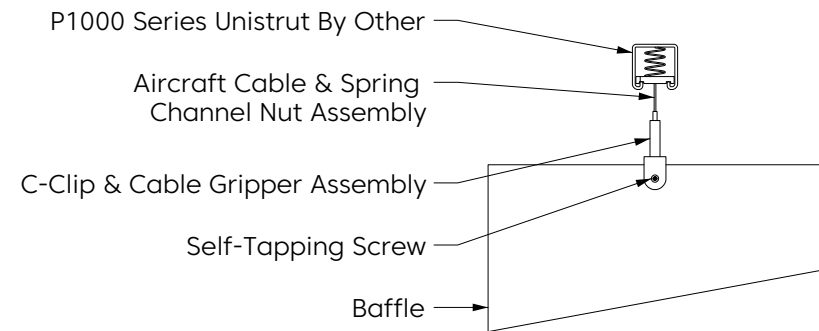
Cable To Deck



Cable To T Grid



Cable To Unistrut



Swivel Cable To Deck

