


Billow Baffles


Specifications

Application	Ceiling
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min. rPET
Weight	2400gsm
Thickness	12mm +/- 10%
Dimensions	Height – 101 up to 305mm (25mm increment) Width – 356mm Depth – 50 & 76mm Length – 1220 & 2440mm


Sustainability




Made from 60% min. recycled content




Declare Red List Free (3rd Party Verified)



Generated using 40% solar energy



Recyclable at end of lifespan



Total VOC's less than 0.5 mg/m³ (3rd Party Verified)



Technical Data

Fire test method	AS ISO 9705:2033 (according to AS 5637.7:2015 requirements)
Group number	Group 1
SMOGRARC (in m2/s2 x 1000)	0.93
Fire test method	ASTM E48
Classification	Class A
Flame spread index	15
Smoke developed index	200
Fire test method	EN 13501-1: 2019
Classification	B-s1, d0
Total VOC test method	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017
Total VOC result	≤ 0.5mg/m ³
Colorfastness test method	ISO 105-B02
Rating	6-7

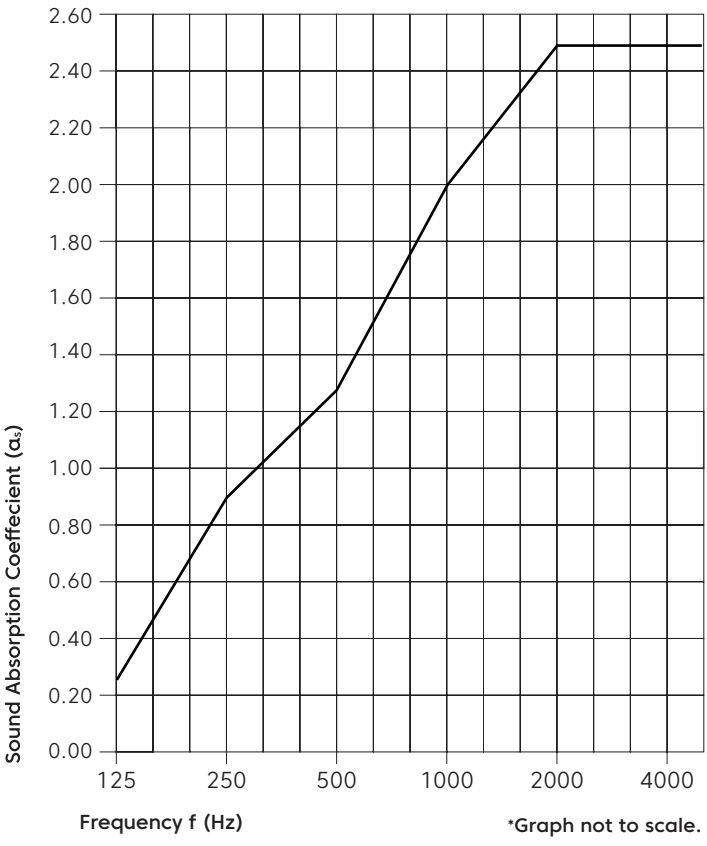
Details

Lead time	3-6 weeks
Origin	Australia
Warranty against defects	20 years*
Colorfastness warranty	20 years*

*conditions apply

Acoustic Performance

Test method	ASTM C423-17: Standard test method for sound absorption and sound absorption coefficients by the reverberation room method
Installation method	J-600. Sample tested 5 baffles each hanging 600m from the floor and 152mm from each other
Rating method	AS ISO 11654 -2002: Acoustics - rating of sound absorption - material and sytems
Test results	NRC 1.65 SAA 1.68



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
12mm	0.26	0.86	1.25	2.02	2.49	2.49	1.65

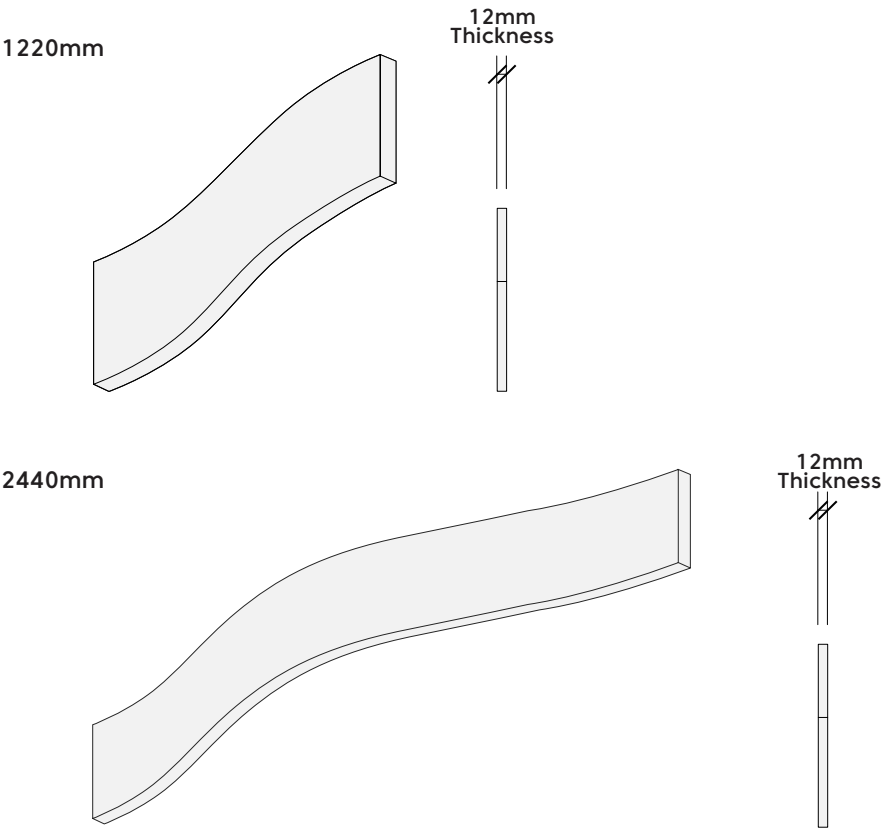
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation of installation of the product could alter the results. **Sound Absorption Average (SAA)** indicates the absorption coefficient average for the twelve one-third octave bands ranging between 200 and 2500 Hz

Billow Design

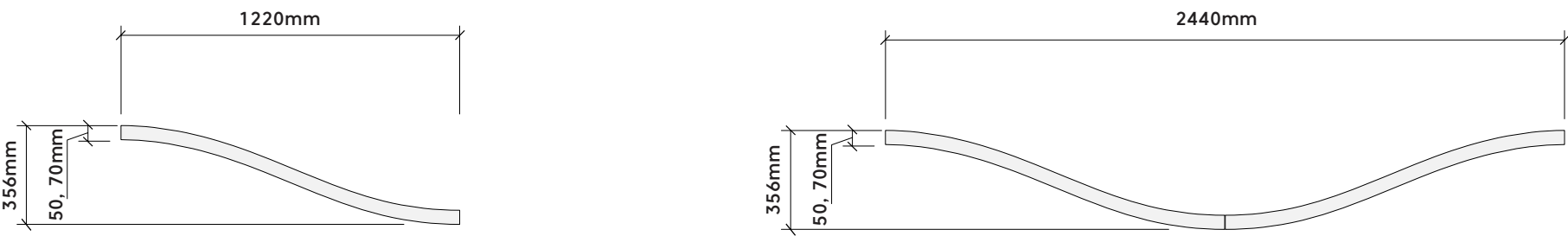
Sizes

Width	356mm
Height	101 & 305mm
Length	1220 & 2440mm
Depth	50 & 76mm

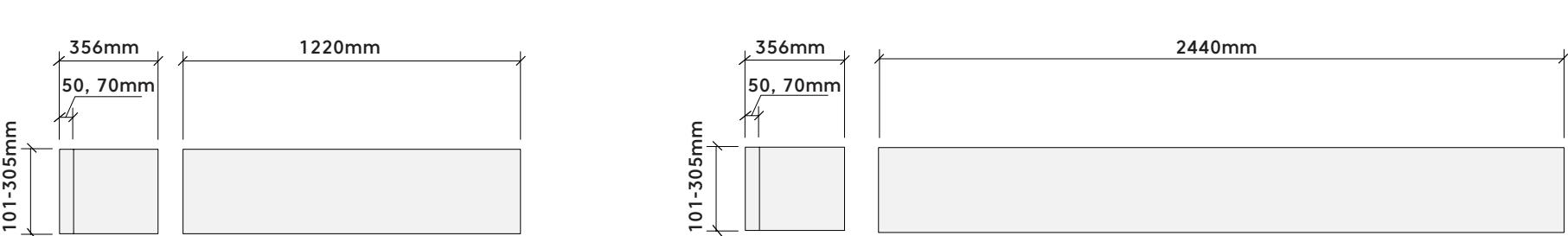
Perspectives



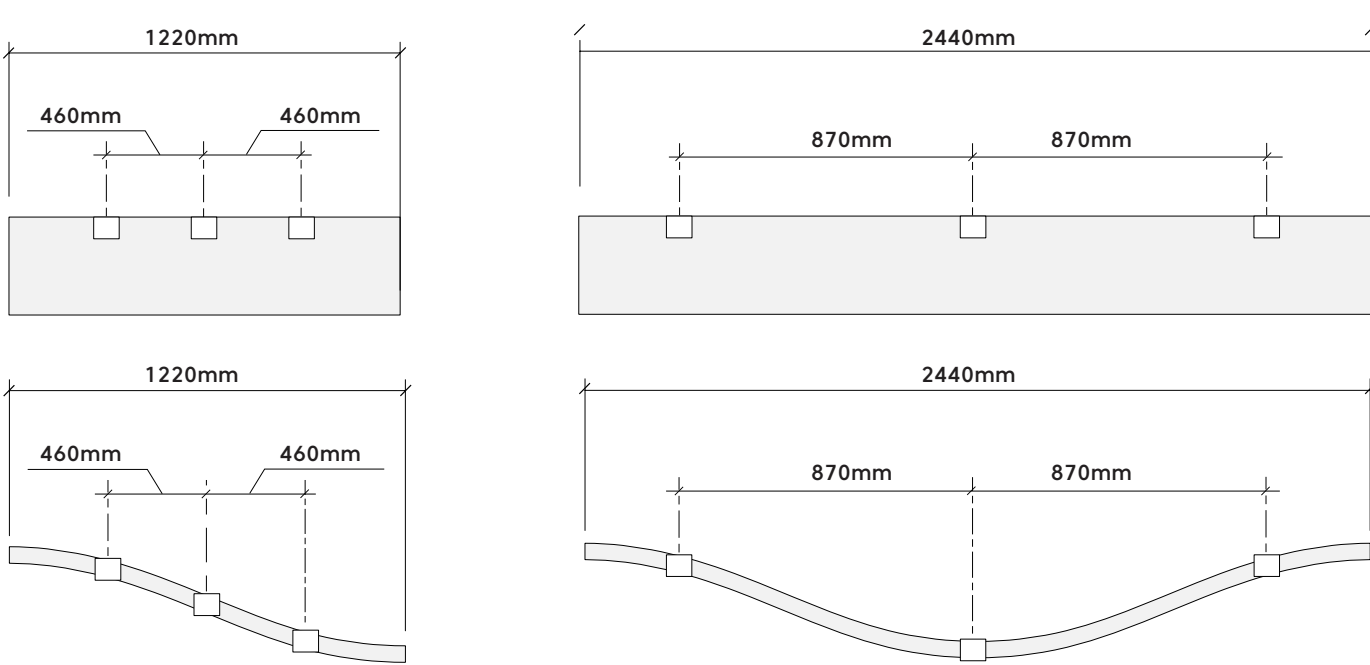
Plan



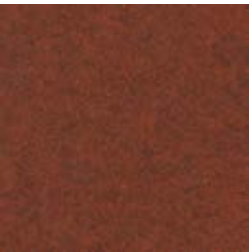
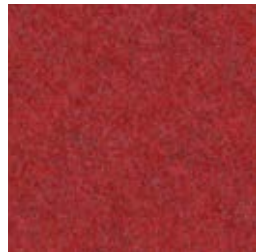


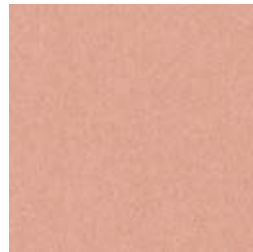

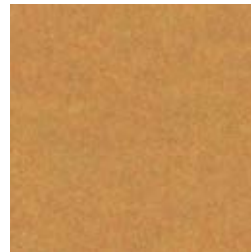
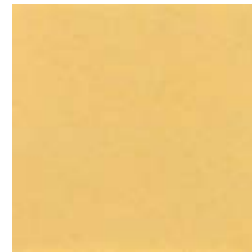
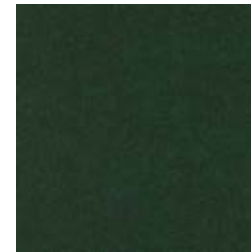
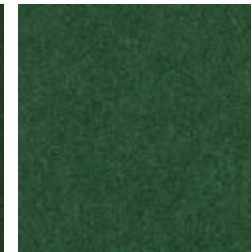



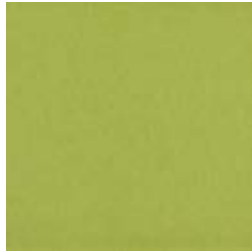


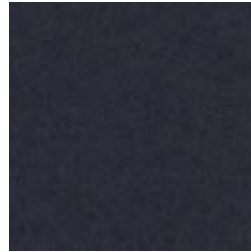
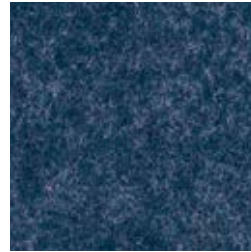

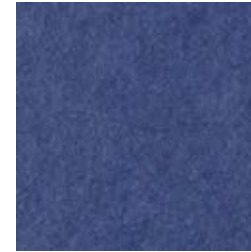

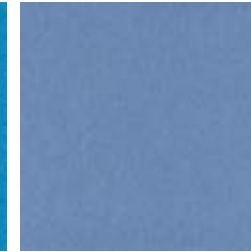





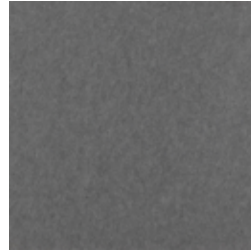



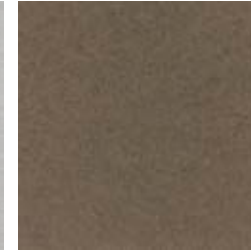
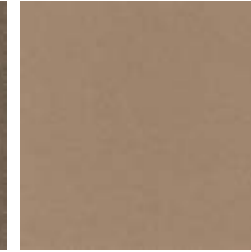






Elevations



Hardware Spacing



FilaSorb™ Colorways

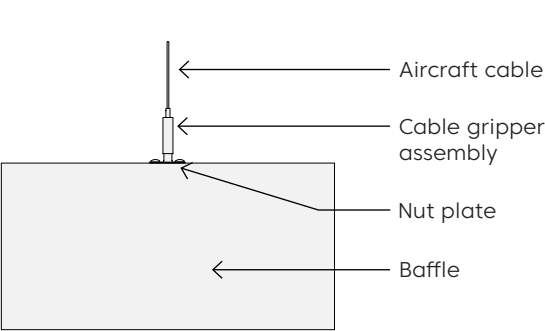
										
Peppercorn PE22	Currant CU59	Carrot CA08	Peach PE19	Flamingo FL61	Valentine VA70	Turmeric TU60	Wheat WH68	Kale KA12	Oregano OR18	Sencha SE58
										
Celery CE65	Eucalyptus EU71	Wasabi WA29	Pistachio PI25	Midnight MI16	Flint FL64	Granite GR62	Denim DE09	Iris IR10	Azur AZ05	Marine MA15
										
Periwinkle PE23	Sea Salt SE57	Shiraz SH63	Piano Black PI24	Charcoal CH01	Slate SL27	Grey GR02	Metal ME03	Platinum PL04	Walnut WA56	Umber UM54
										
Amethyst AM69	Quartz QU67	Almond AL55	Ivory IV11	Pearl PE21	White WH12					

Can't find a color?

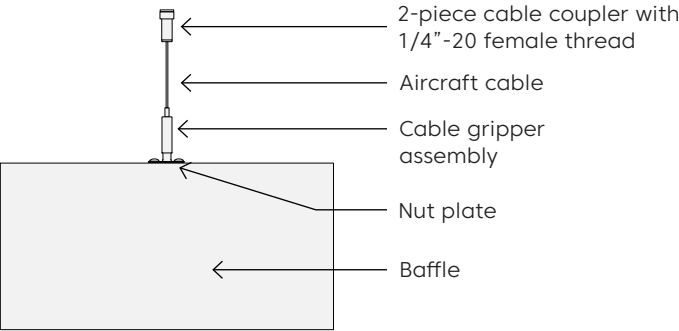
We are constantly updating our palette, which includes adding and discontinuing certain color lines. If you can't find the color you are looking for, please contact us with your color request, as we may still have stock available.

Mounting Methods

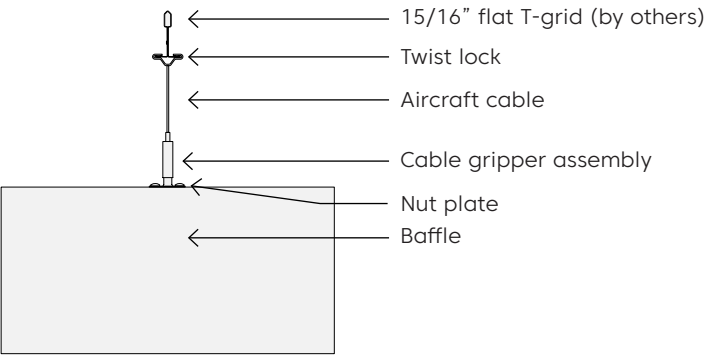
Cable



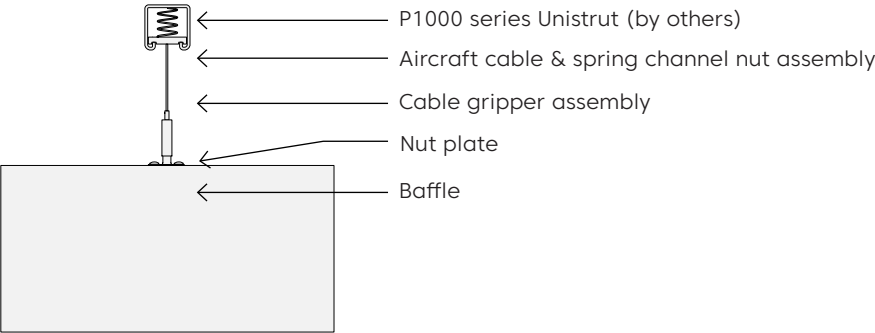
Cable to deck



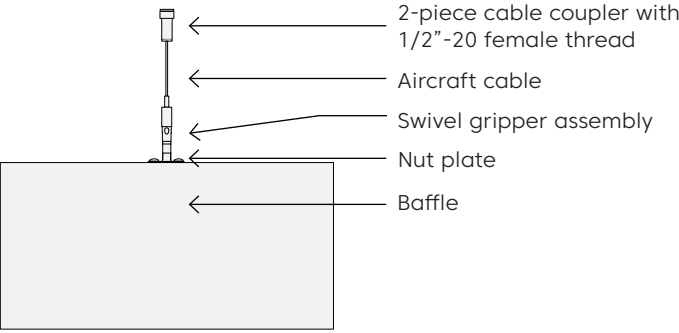
Cable to t-grid



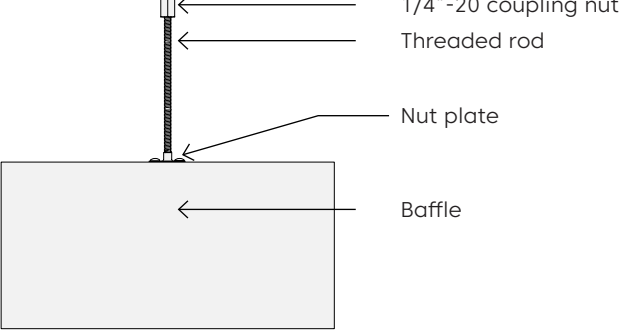
Cable to Unistrut



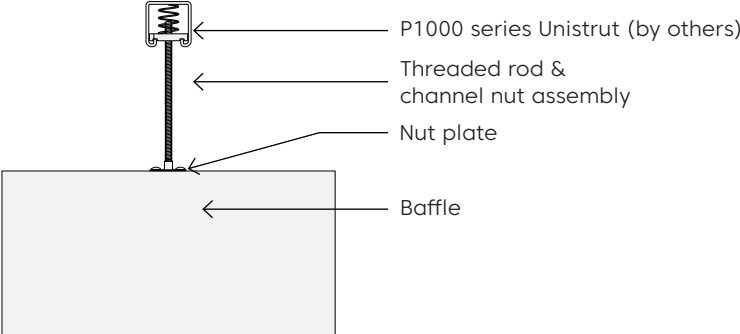
Swivel cable to deck



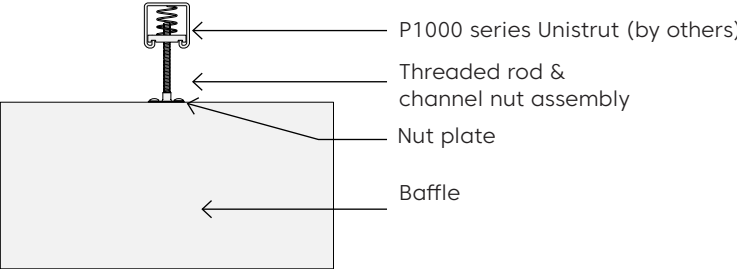
Threaded rod



Threaded rod to Unistrut



Direct to Unistrut



Twist lock t-grid

