

acoufelt  
making quiet




# Fan Ceiling Baffle


# Product Detail

Application	Ceiling
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Weight	2400gsm
Thickness	12mm +/- 10% 24mm +/- 10%
Dimensions	12 x 200 x 2800mm 24 x 200 x 2800mm 12 x 200 x 1400mm 24 x 200 x 1400mm Custom sizes upon request


# Sustainability




Made from 60% min. recycled content




Recyclable at end of lifespan




Generated using 40% solar energy



Declare Red List Free (3<sup>rd</sup> Party Verified)  
*\*12mm products only*



Total VOC's less than 0.5 mg/m<sup>3</sup> (3<sup>rd</sup> Party Verified)



Indoor Advantage Gold Certified.  
*\*12mm products only*



# Technical Data

12mm	
Fire test method	EN 13501-1: 2019
Classification	B-s1, d0
Water vapour sorption method	ASTM C1104-2019 (Procedure A Modified)
Water sorbed by weight	0.20% (results based on a 12mm thick panel)
24mm	
Fire test	Pending
12 & 24mm	
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 <sup>3</sup>
Colourfastness test method	ISO 105-B02
Rating	6-7

# Guarantees

Lead time	4-6 weeks
Origin	United Kingdom
Warranty against defects	20 years*
Colourfastness warranty	20 years*

\*Conditions apply

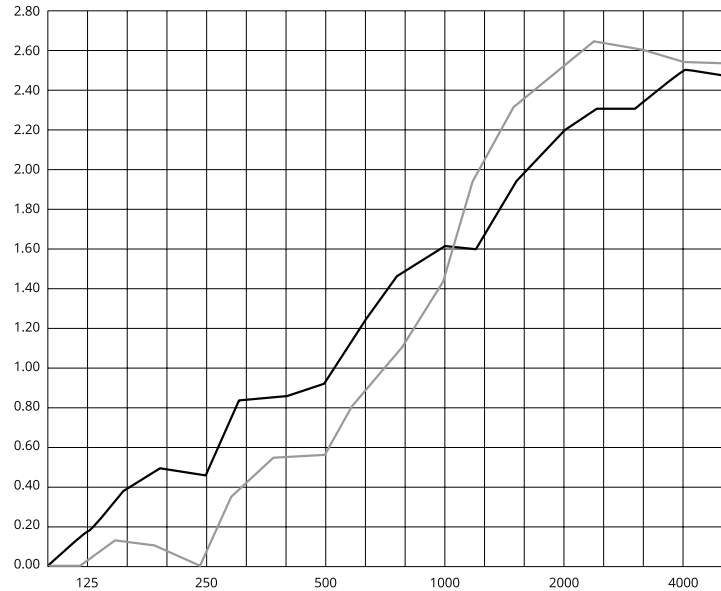
# Acoustic Performance

**Test method**  
AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room

**Installation method**  
12mm J-600. Sample tested 6 baffles each 2.8m x 0.3m x 12mm, sample hanging 600mm from floor and 152mm apart.  
24mm J-600. Sample tested 6 baffles each 2.8m x 0.3m x 24mm, sample hanging 600mm from floor and 152mm apart.

**Rating method**  
ISO 11654-1997: Acoustic – sound absorbers for use in buildings – rating of sound absorption

**Test results**  
12mm NRC 1.30 | aw <1.0 (MH) Class C  
24mm NRC 1.15, 600mm air gap | aw <1.0 (MH), Class E



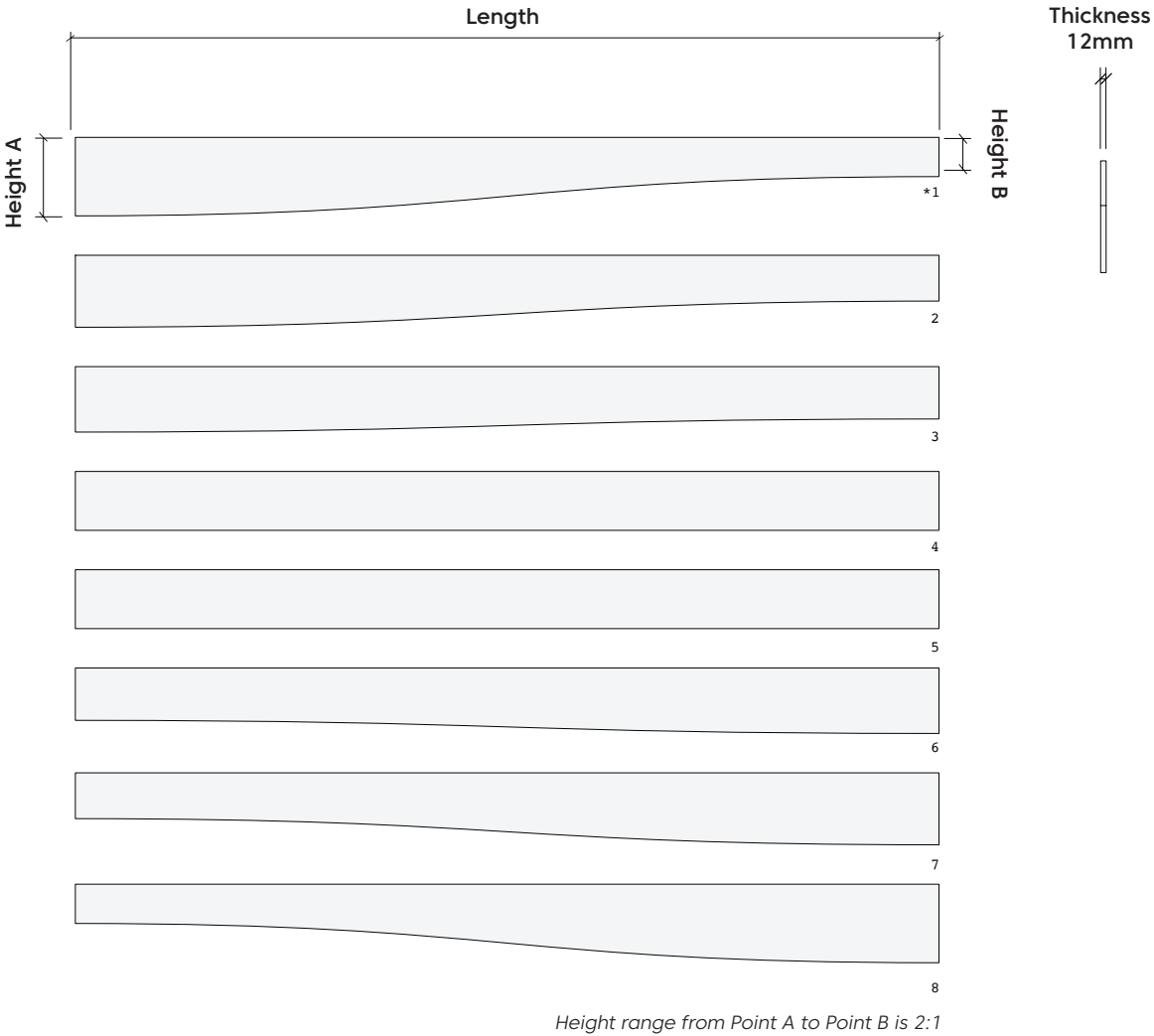
Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Class Rating
12mm	0.17	0.44	0.93	1.62	2.20	2.51	1.30	Class C
24mm	0.01	0.00	0.56	1.45	2.52	2.55	1.15	Class E

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. Customization of installation of the product could alter the results.

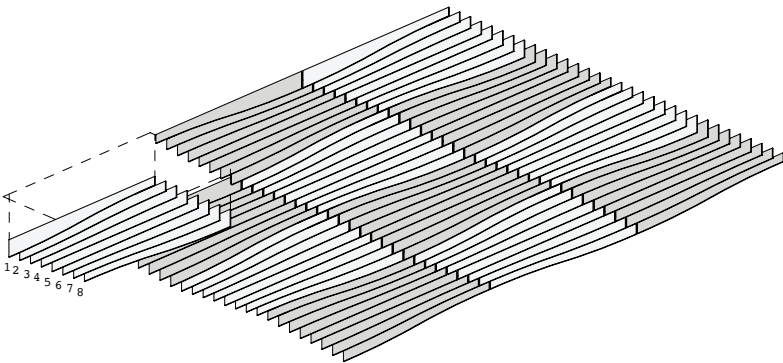
# Fan Design

## Sizes

Standard Height	200mm
Standard Lengths	1400 & 2800mm <i>Custom sizes available</i>
Thickness	12 & 24mm



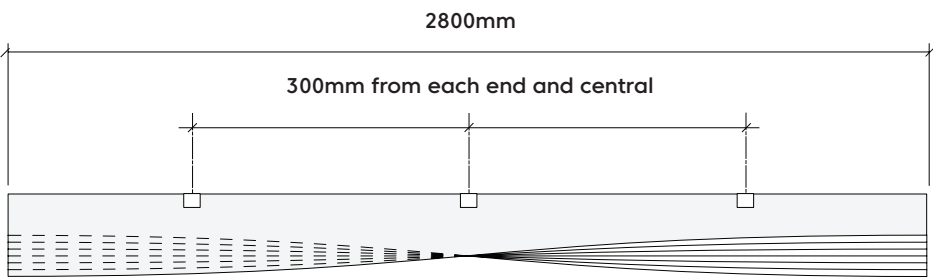
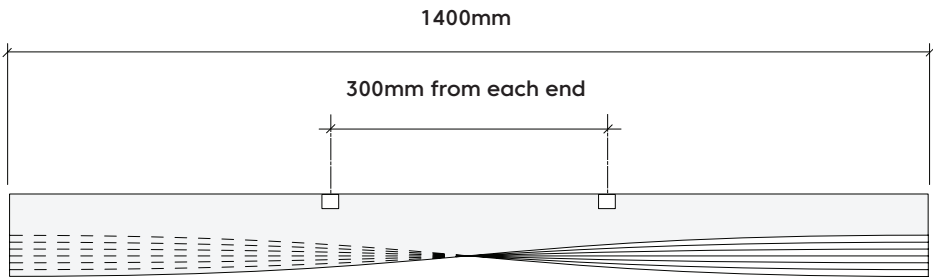
Perspective



Front Perspective

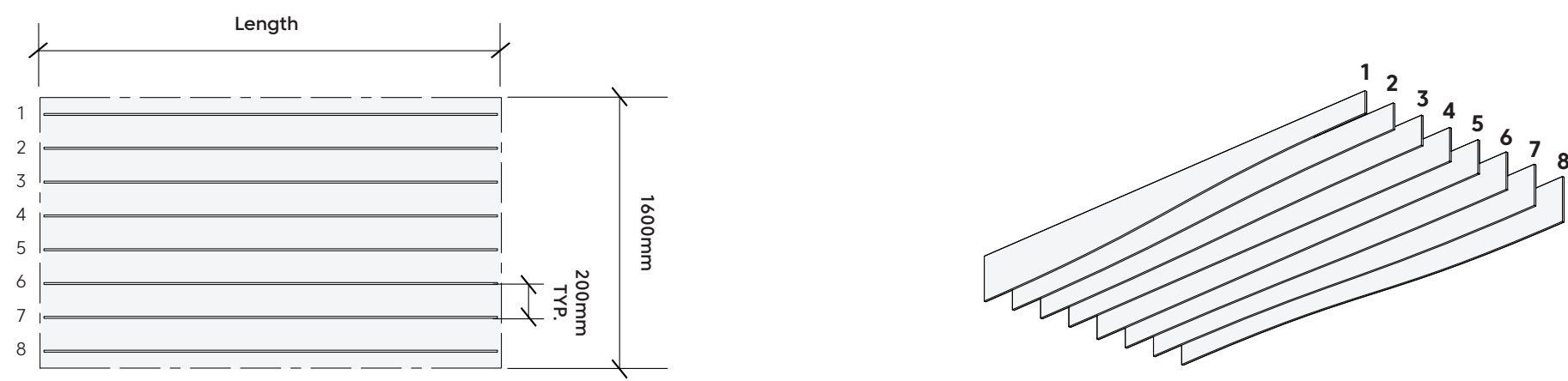


## Hardware Spacing

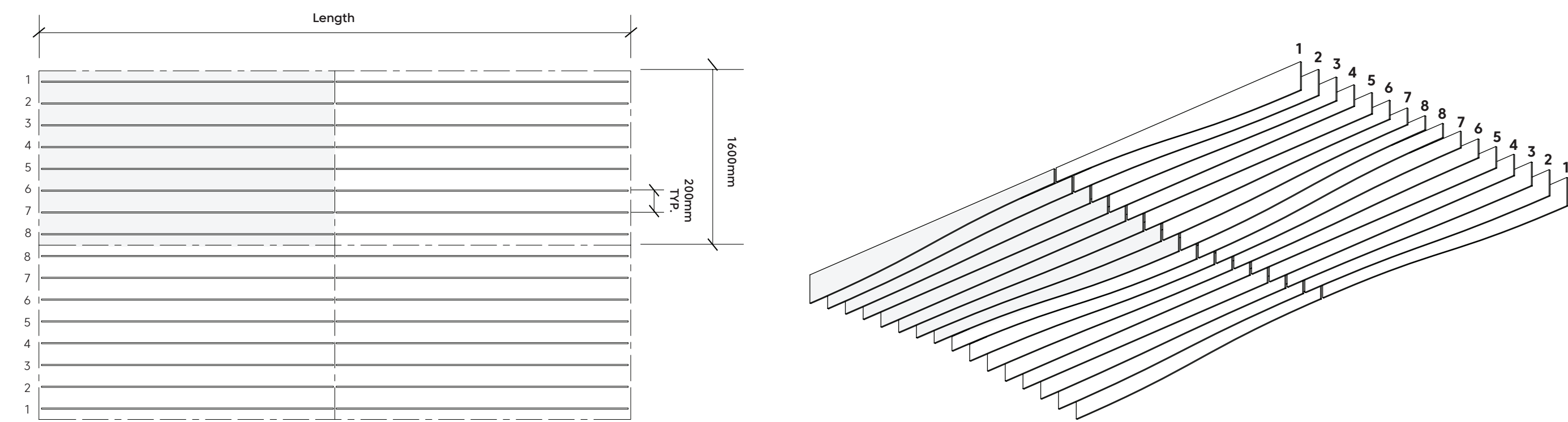


# Module Design

## Single module

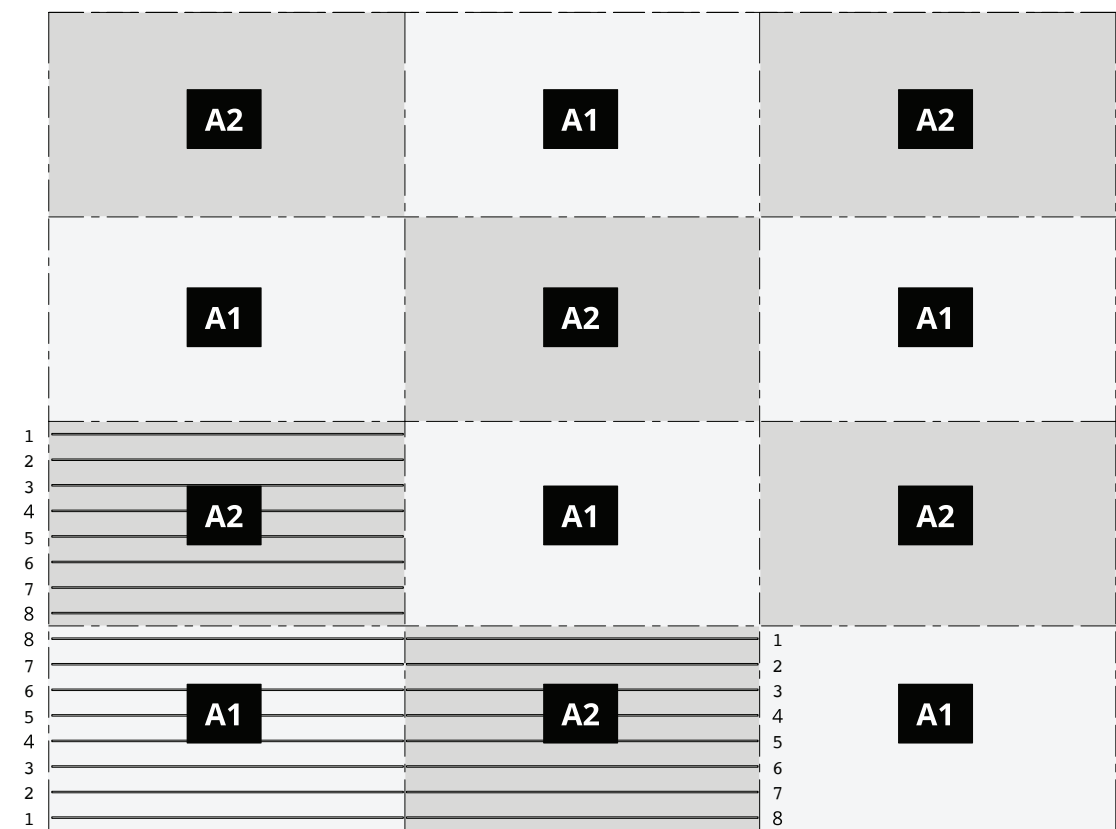


## Multiple modules

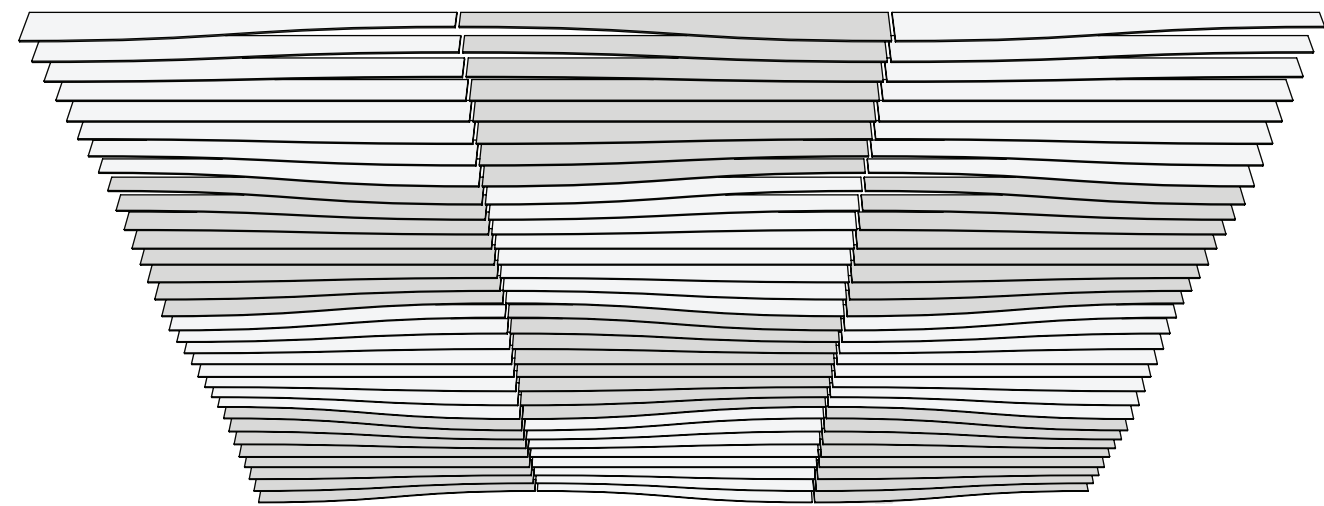


# Module Layout

Standard layout

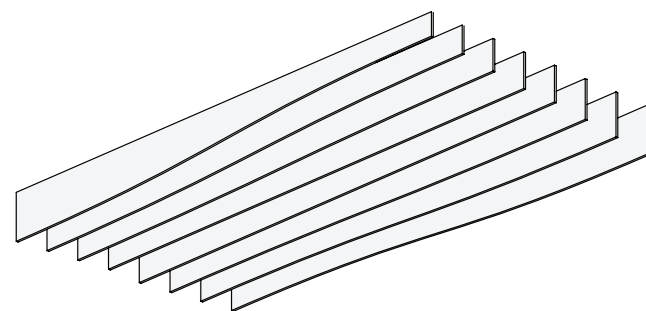


Front perspective

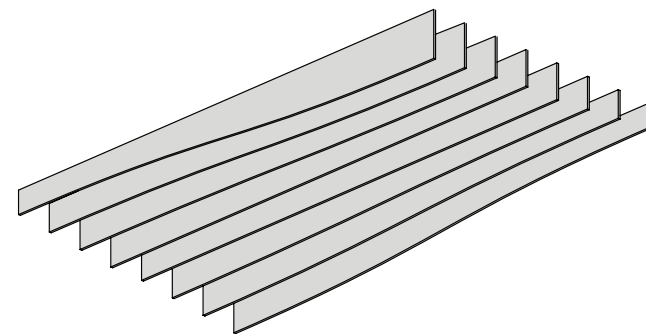


Module layouts

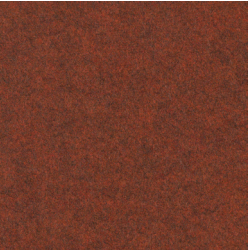
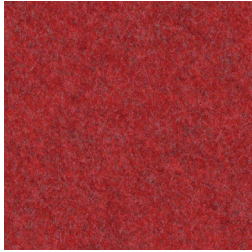
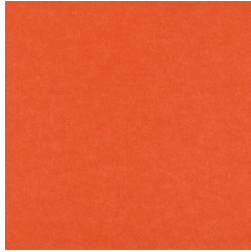
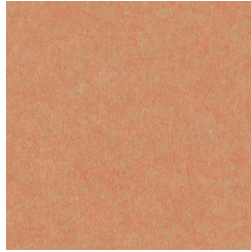
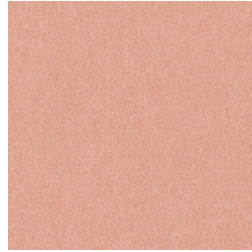
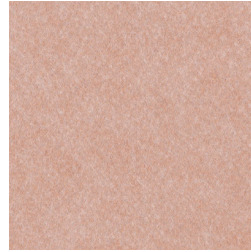
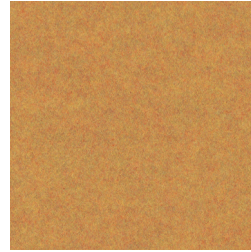
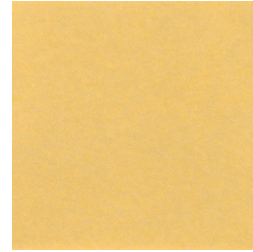
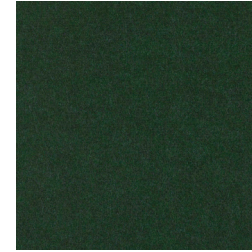
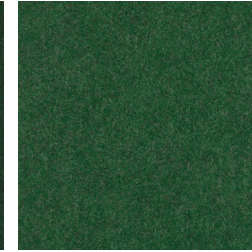



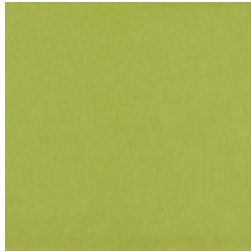
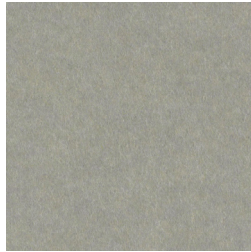
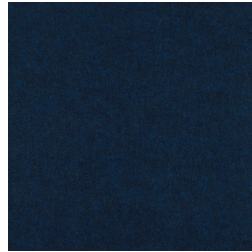

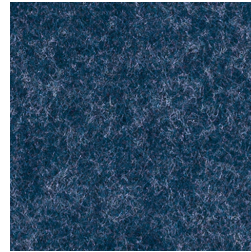
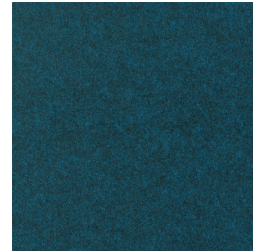
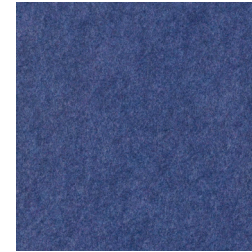
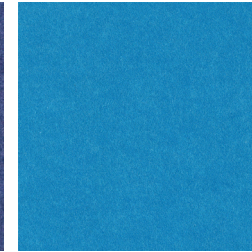
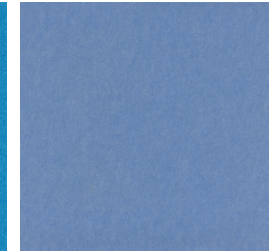
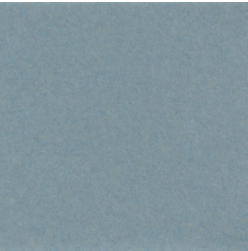
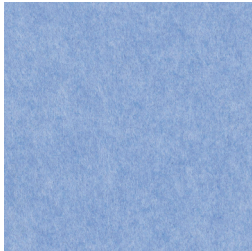
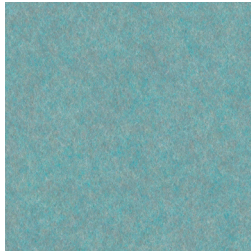
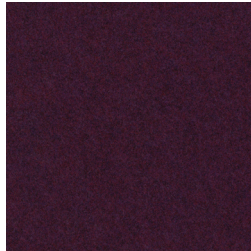
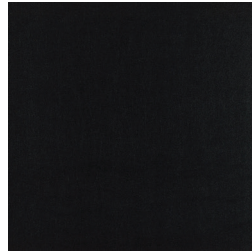




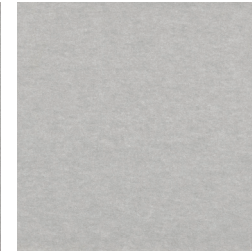



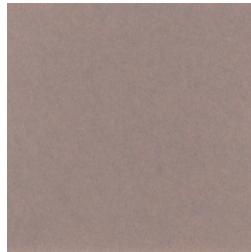


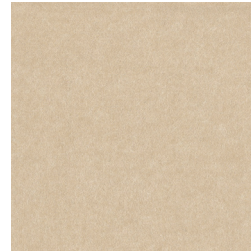

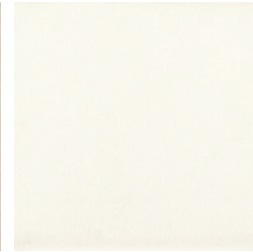
A1



A2



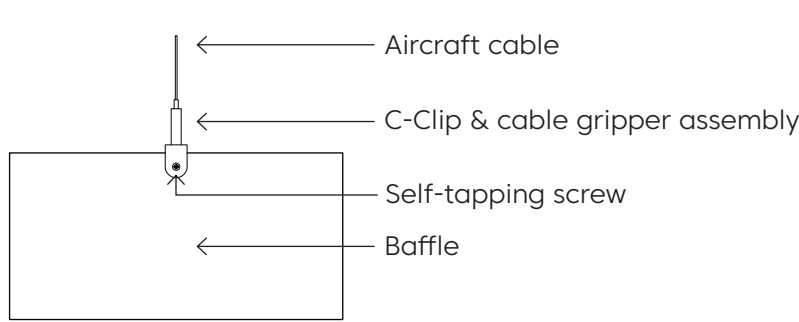
# FilaSorb™ Colourways

										
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
										
Stonewash ST72	Periwinkle PE23	Sea Salt SE57	Shiraz SH63	Piano Black PI24	Charcoal CH01	Slate SL27	Grey GR02	Metal ME03	Platinum PL04	Milkyway MI74
										
Walnut WA56	Umber UM54	Amethyst AM69	Quartz QU67	Almond AL55	Ivory IV11	Pearl PE21	White WH12			

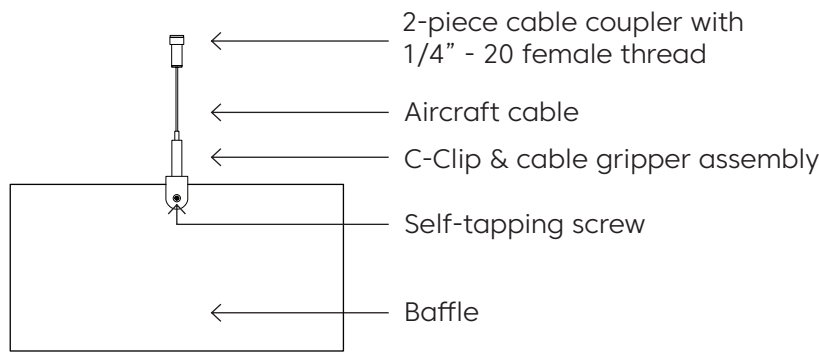
**Can't find a colour?**  
We are constantly updating our palette, which includes adding and discontinuing certain colour lines. If you can't find the colour you are looking for, please contact us with your colour request, as we may still have stock available.

# Mounting Methods

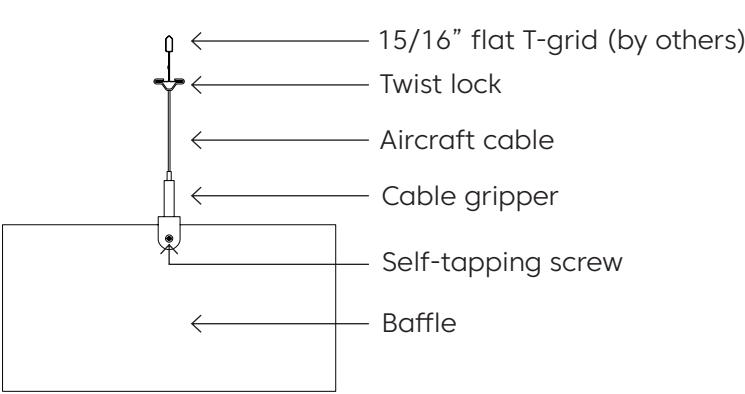
Cable



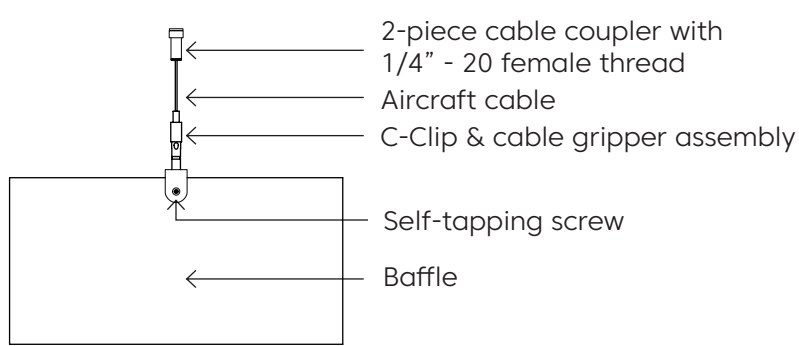
Cable to deck



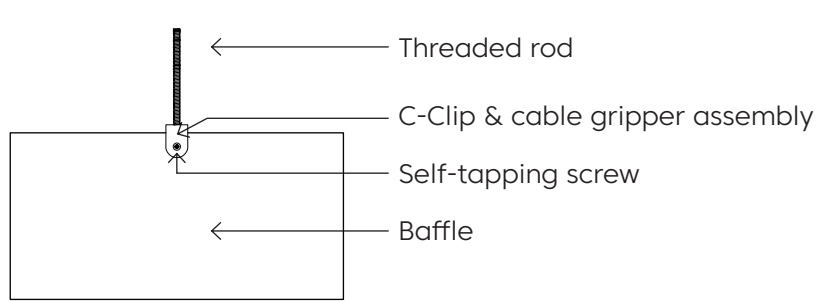
Cable to T-grid



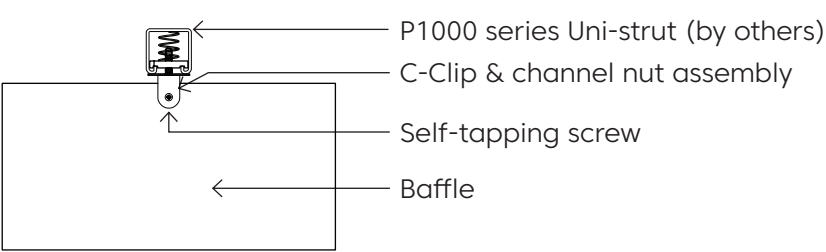
Swivel cable to deck



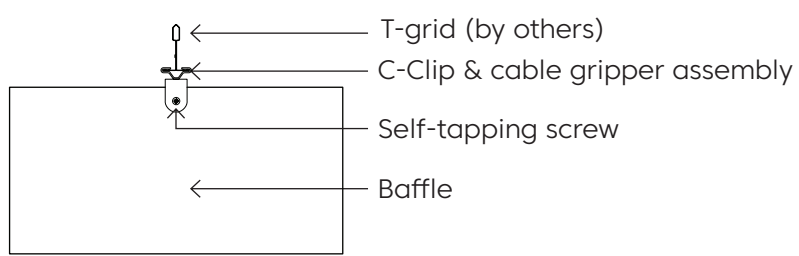
Threaded Rod



Threaded Rod to Uni-strut



Twist lock to T-grid



Magnet to T-grid

