

acoufelt
making quiet



Groove Ceiling Baffles

Specifications

Application	Ceiling
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Weight	2400gsm
Thickness	24mm +/- 10%
Dimensions	200 x 1400mm - 1.15kg per 24mm baffle 200 x 2800mm - 2.3kg per 24mm baffle

Sustainability



Made from 60% min. recycled content



Declare Red List Free (3rd Party Verified)



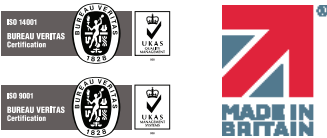
Generated using 40% solar energy



Recyclable at end of lifespan



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



Technical Data

Fire test method	Result pending
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
Colourfastness test method	ISO 105-B02
Rating	6-7

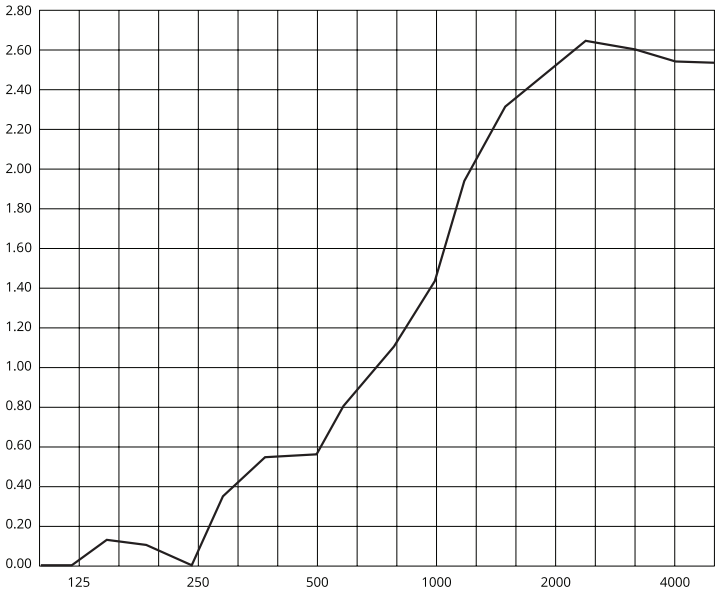
Details

Lead time	6-8 weeks
Origin	United Kingdom
Warranty against defects	20 years*
Colourfastness 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, Sample tested 6 baffles each 2.8m x 0.3m x 24mm
Rating method	AS ISO 11654 -2002: Acoustics - Rating of sound absorption - Material and sytems
Test results	NRC 1.15 aw <1.0 (MH), Class E



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
24mm	0.01	0.00	0.56	1.45	2.52	2.55	1.15

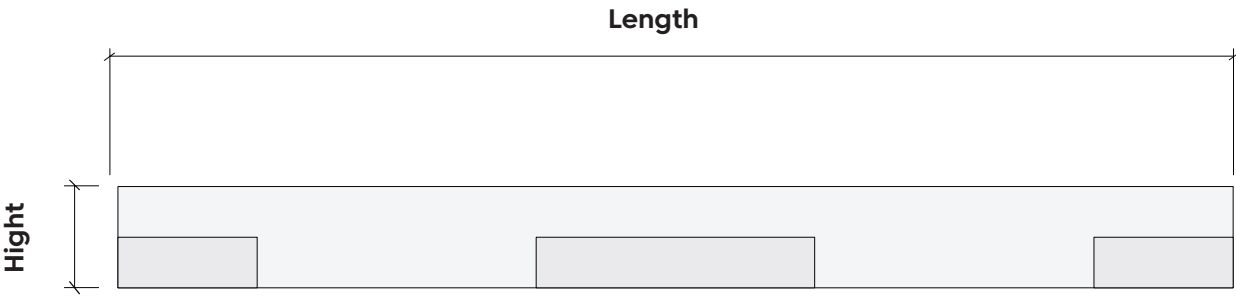
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customization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

Groove Design

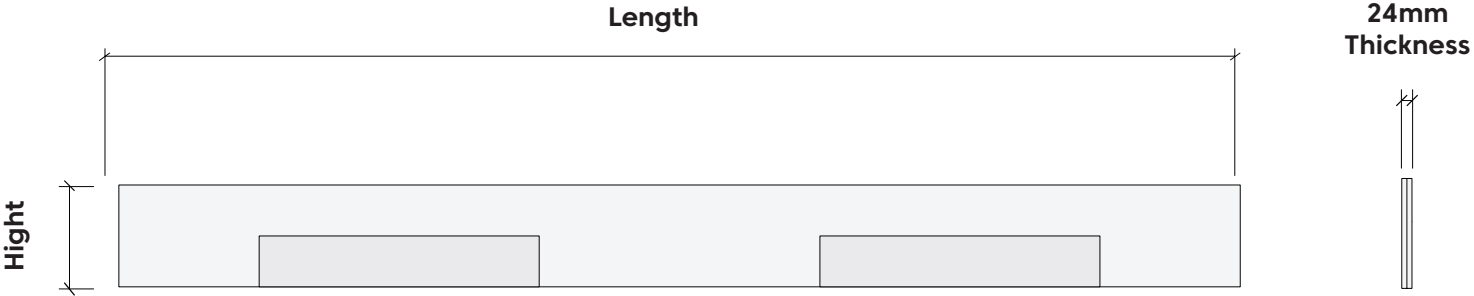
Sizes

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

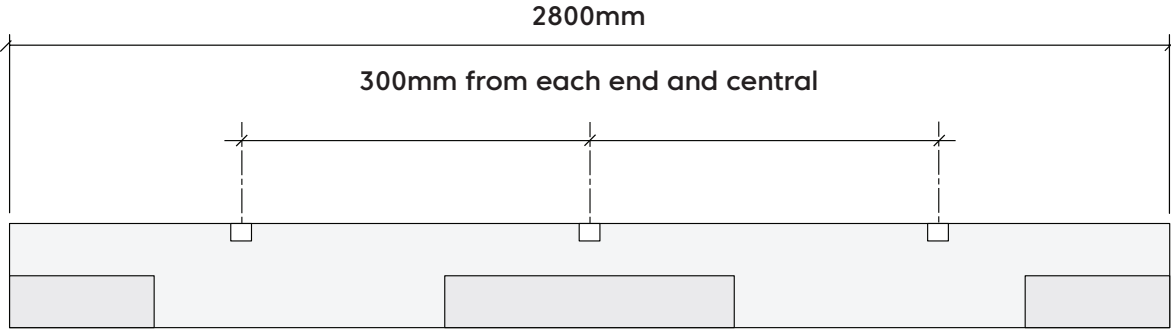
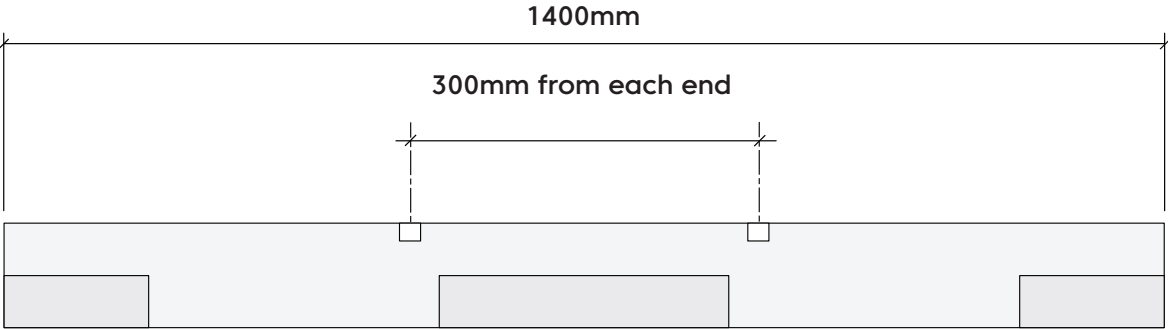
Groove 1 (GR1)



Groove 2 (GR2)

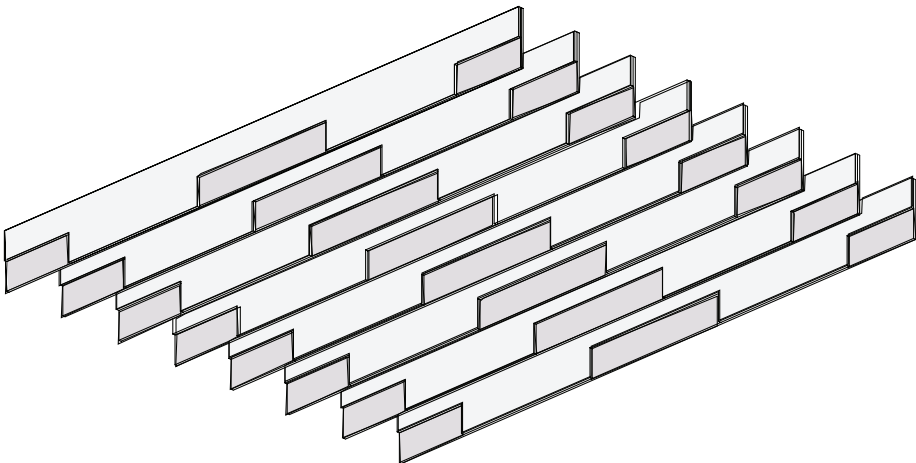


Hardware Spacing

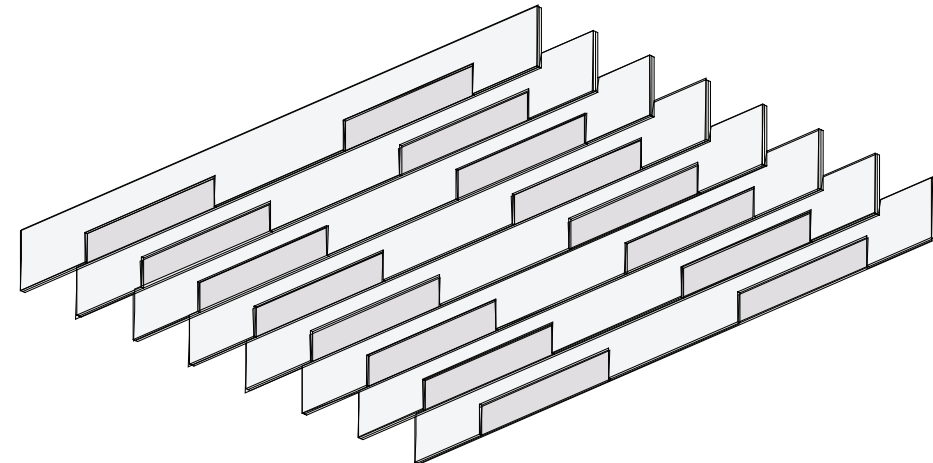


Recommended Layouts

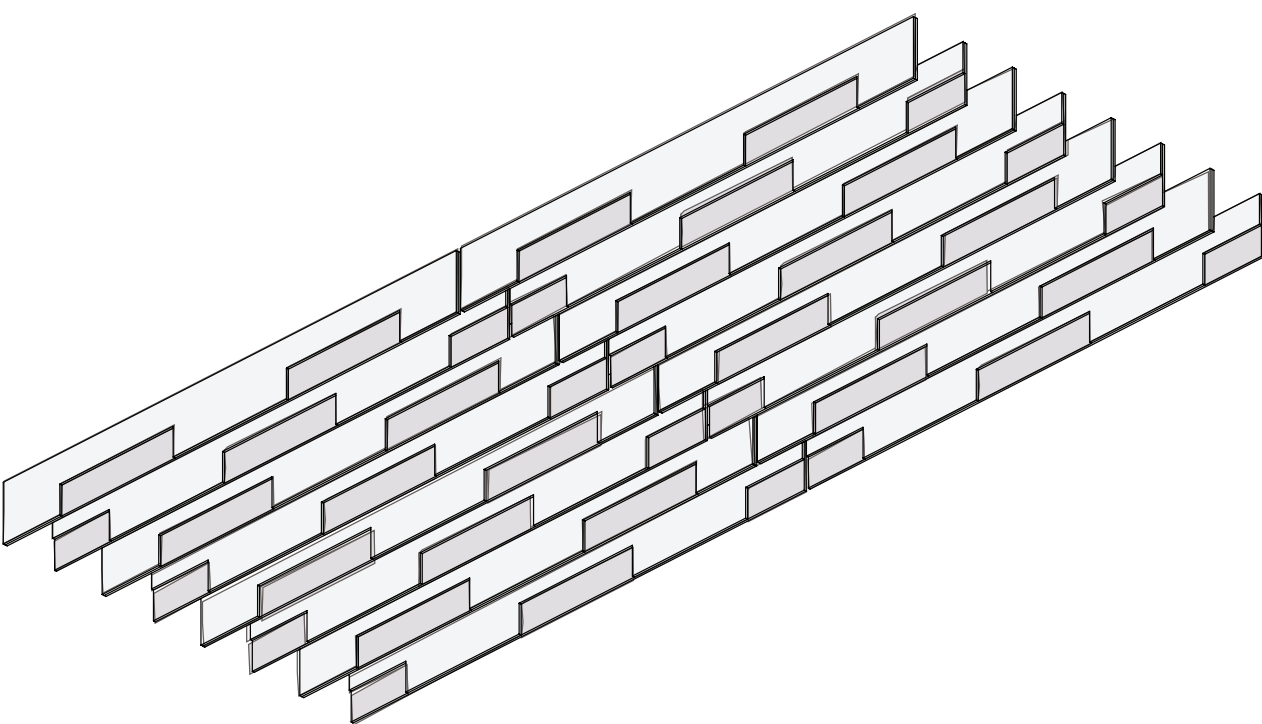
Layout 1 (100% GR1)



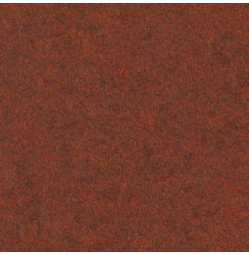
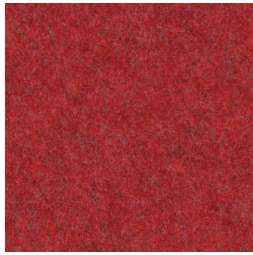
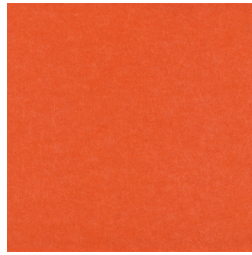
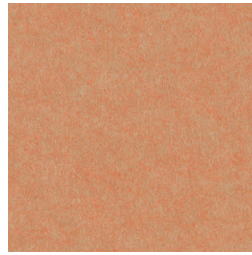
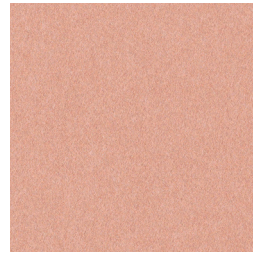
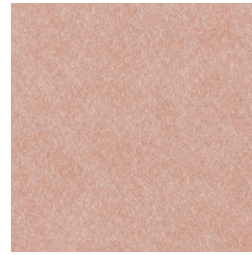
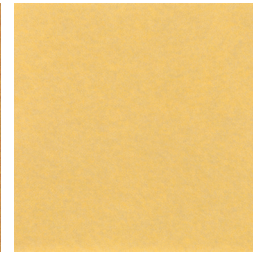
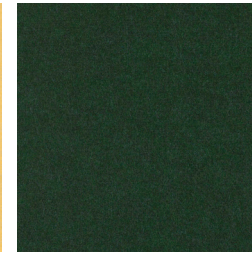
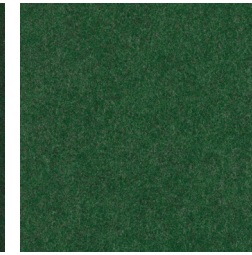
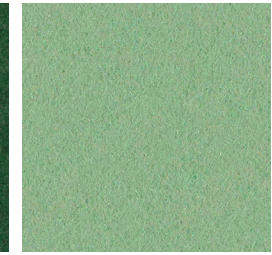
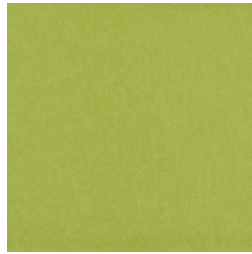
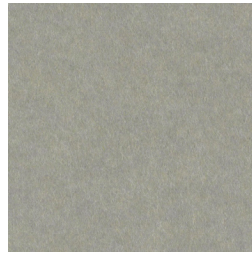
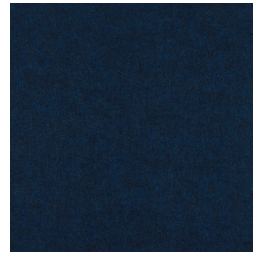
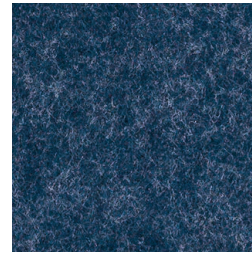
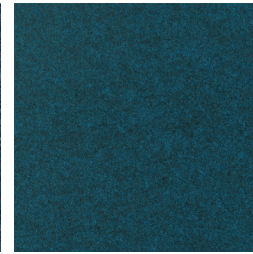
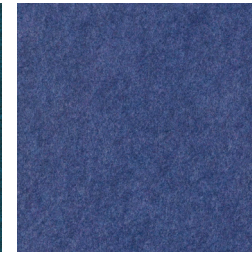
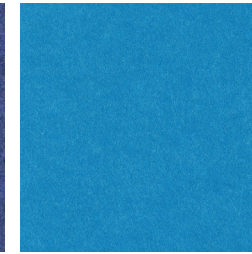
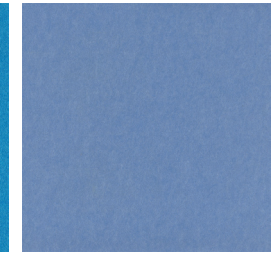
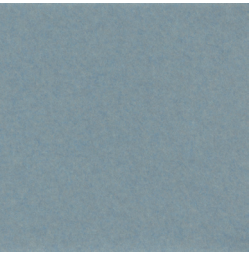
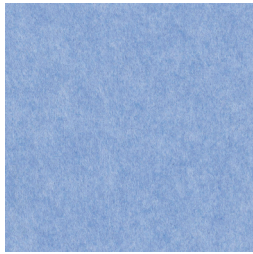
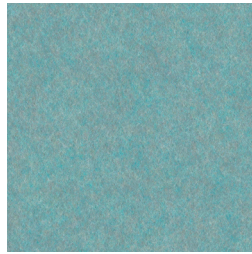
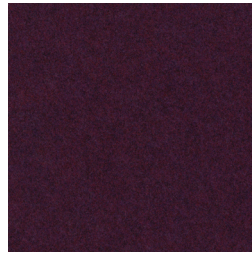
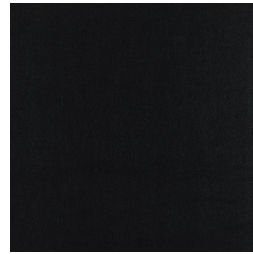
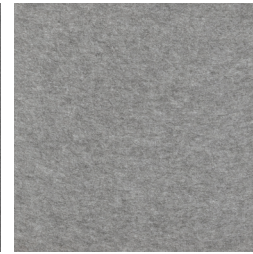
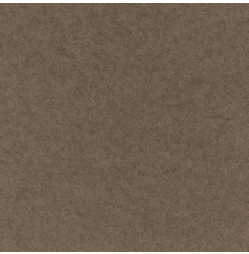
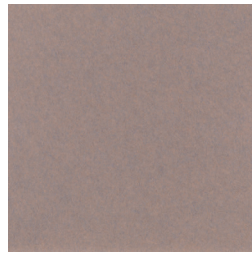
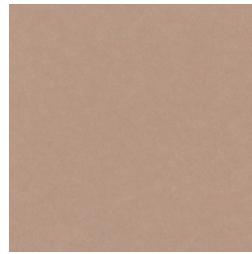
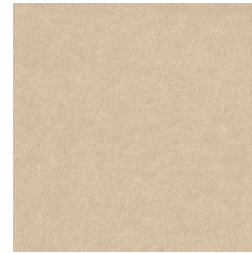
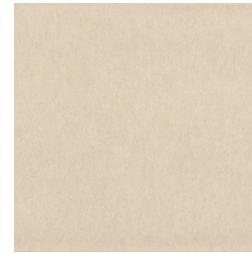
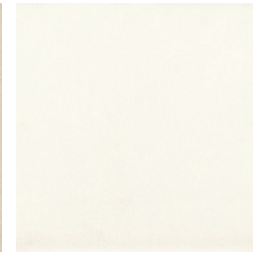
Layout 2 (100% GR2)



Layout 3 (50% GR1 & 50% GR2)



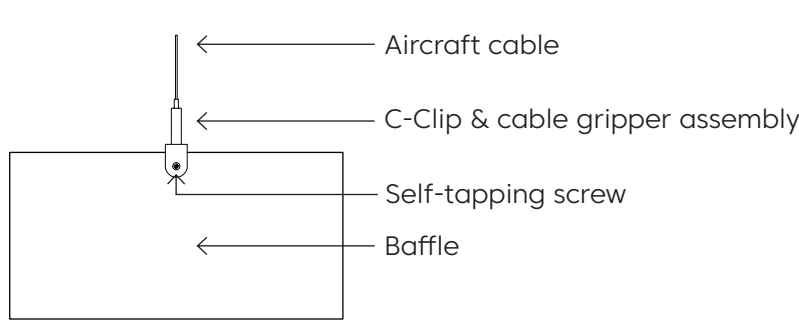
FilaSorb™ Colourways

										
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			

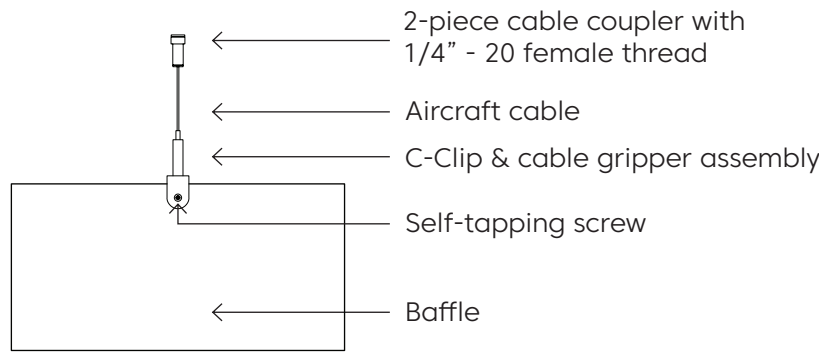
Can't find a colour?
We are constantly updating our palette, which includes adding and discontinuing certain colour lines. If you can't find the colour you are looking for, please contact us with your colour request, as we may still have stock available.

Mounting Methods

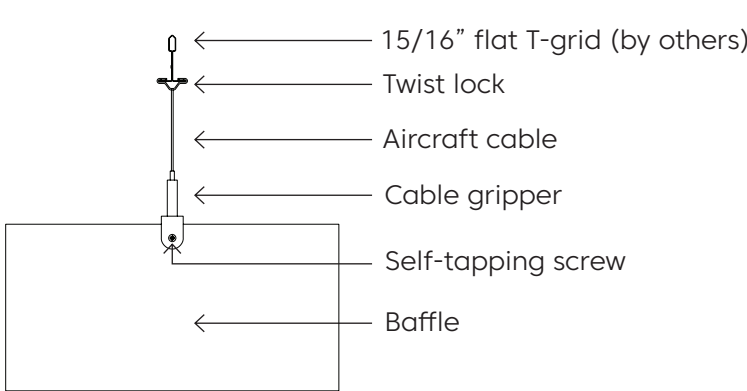
Cable



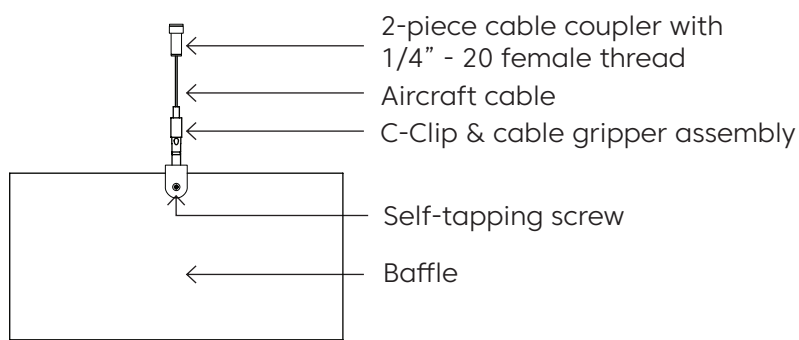
Cable to deck



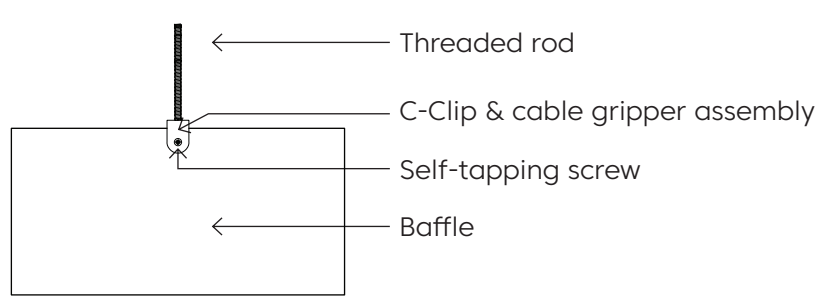
Cable to T-grid



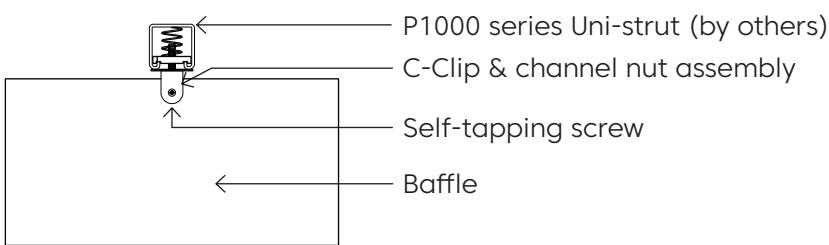
Swivel cable to deck



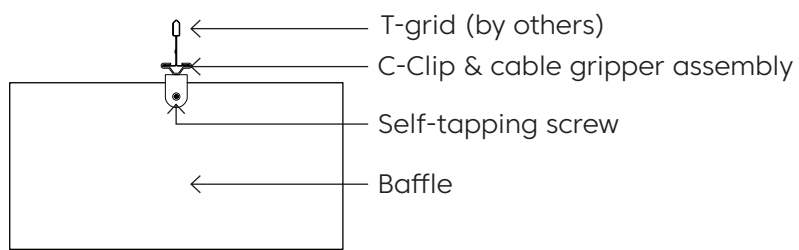
Threaded Rod



Threaded Rod to Uni-strut



Twist lock to T-grid



Magnet to T-grid

