

acoufelt
making quiet

Billow
Connect

Specifications

Application	Ceiling
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min. rPET
Weight	2400gsm
Lengths:	48, 96” L
Height options	4” up to 12” H (1” increments)
Width:	15” W

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	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)
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

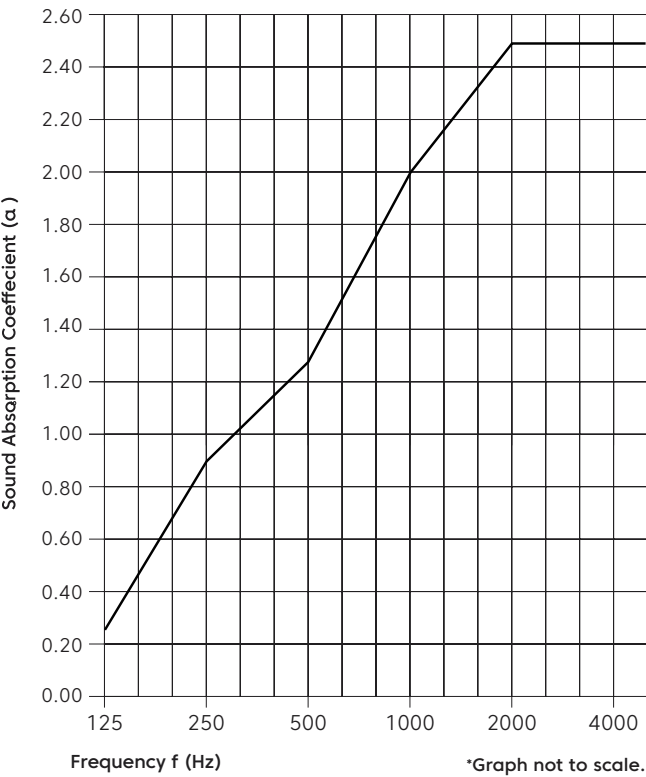
Acoustic Performance

Test method
ASTM C423-17: Standard test method for sound absorption and sound absorption coefficients by the reverberation room method

Installation method
J-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 | <1.0 (MH) aw, Class A



Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Class Rating
α _s	0.26	0.86	1.25	2.02	2.49	2.49	1.65	Class A

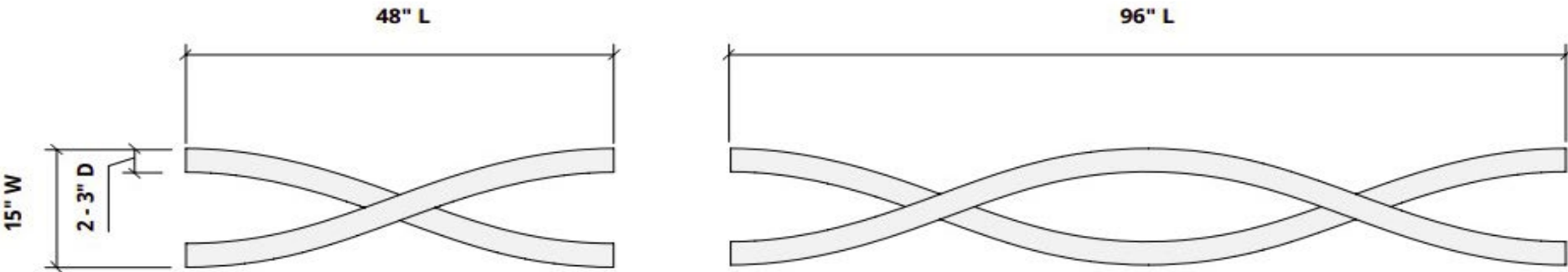
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation of installation of the product could alter the results.

Sizes

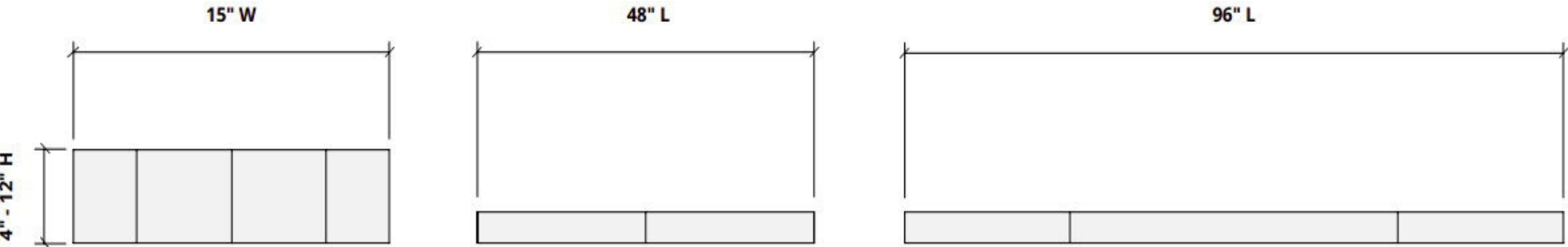
Standard Height: 4” up to 12” H (1” increments)
Standard Width: 15” W

Standard Length: 48, 96” L
Depth: 2, 3” D

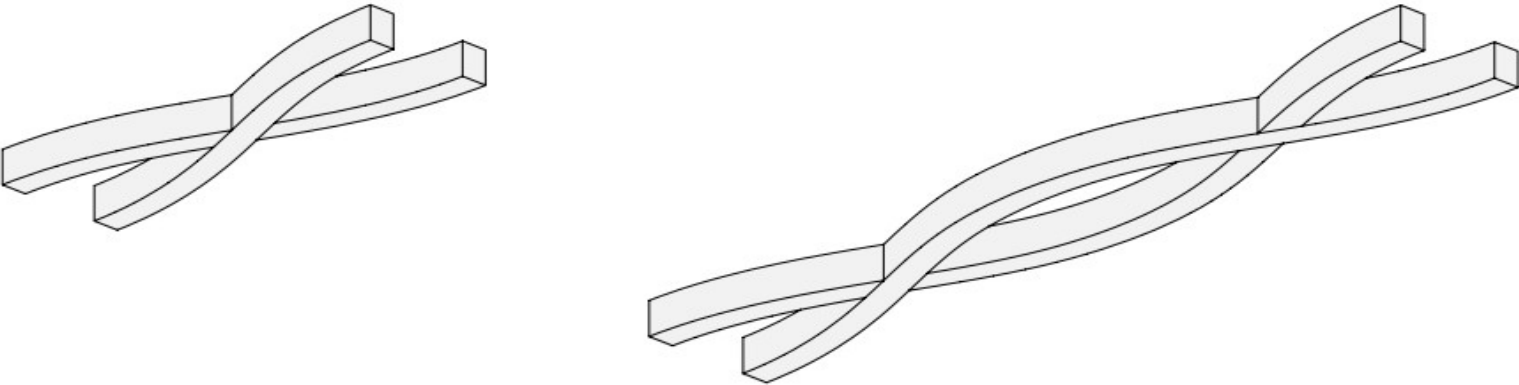
Plan



Elevations

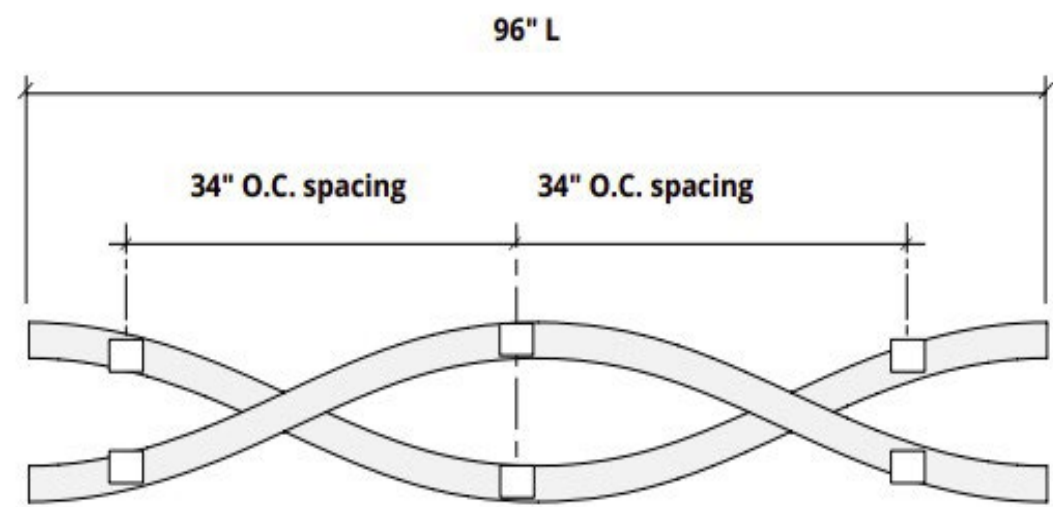
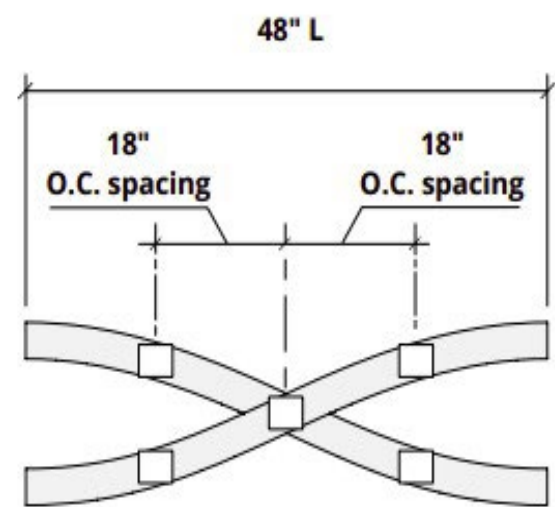
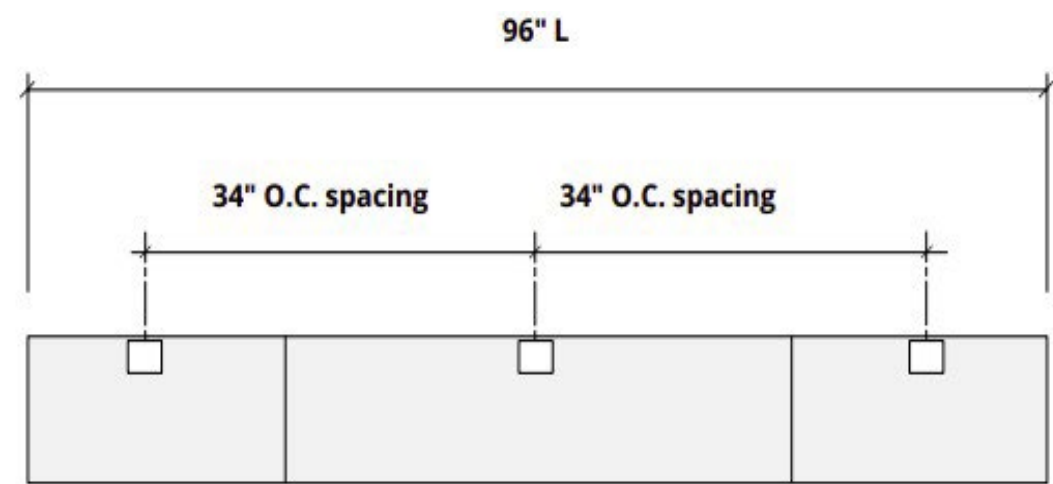
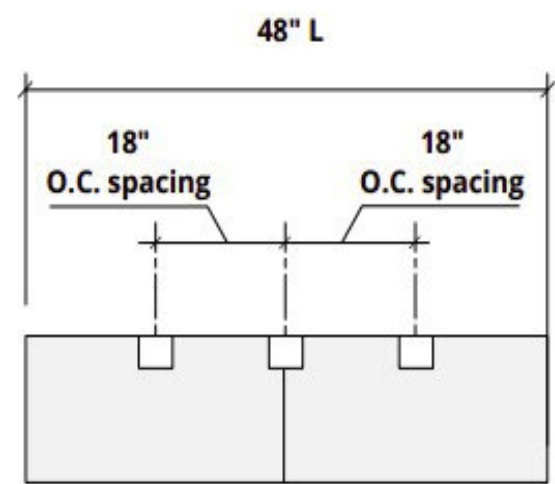


Perspectives



Hardware Spacing

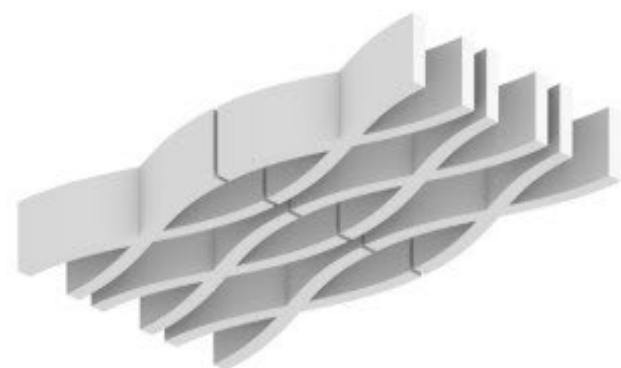
48" L 18" on center spacing
96" L 34" on center spacing



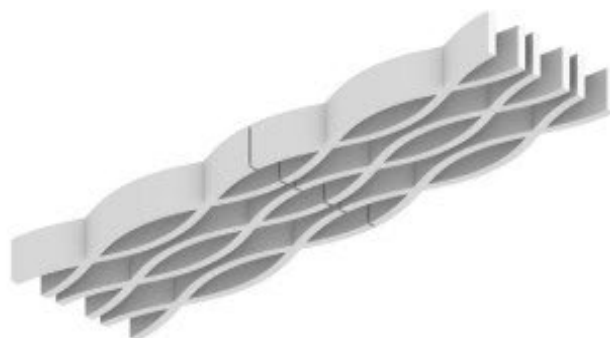
*The number of connection locations may vary depending on mounting methods.

Recommended Layouts

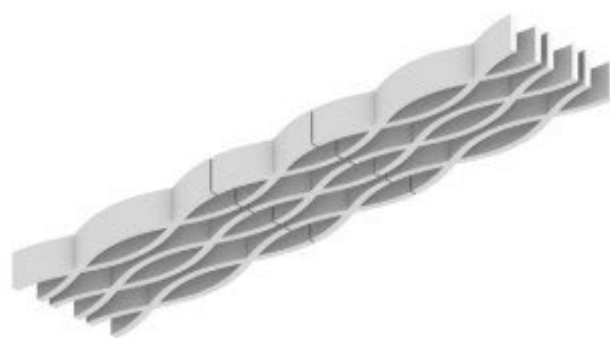
Layout 1



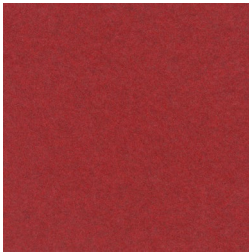
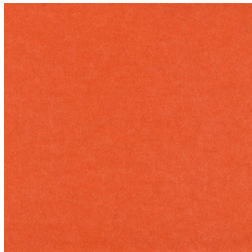
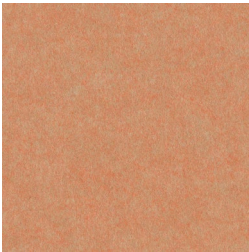
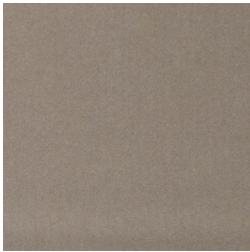
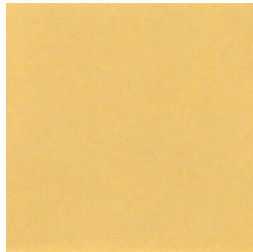
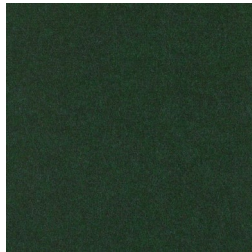
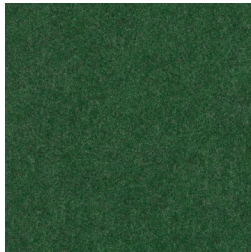
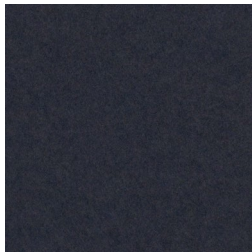
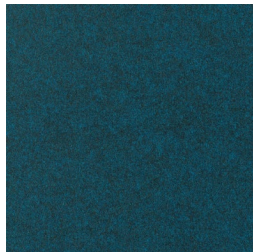
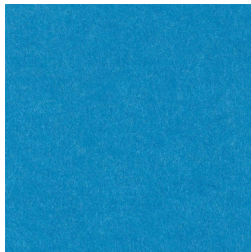
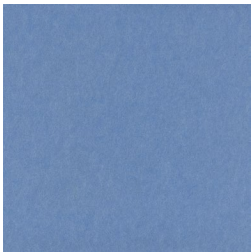
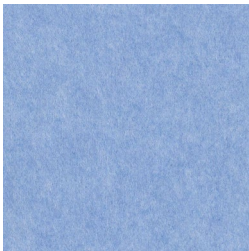
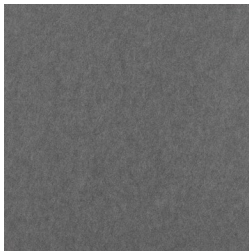
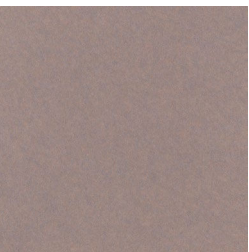
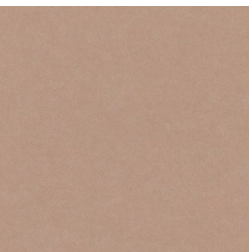
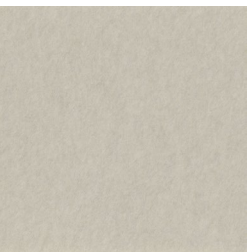
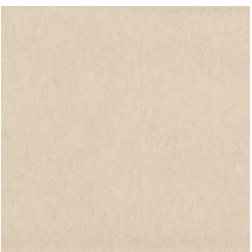
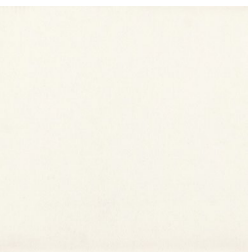
Layout 2



Layout 3



Premier Colourways

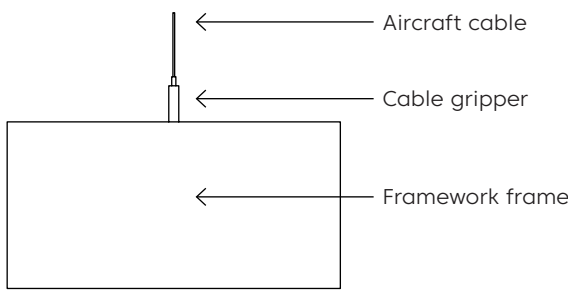
										
Peppercorn PE22	Currant CU59	Carrot CA08	Peach PE19	Mushroom MU75	Valentine VA70	Turmeric TU60	Wheat WH68	Kale KA12	Oregano OR18	Sencha SE58
										
Celery CE65	Eucalyptus EU71	Nori NO76	Pistachio PI25	Midnight MI16	Flint FL64	Granite GR62	Denim DE09	Loganberry LO77	Azure AZ05	Marine MA15
										
Stonewash ST72	Periwinkle PE23	Sea Salt SE57	Shiraz SH63	Piano Black PI24	Charcoal CH01	Slate SL27	Grey GR02	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?

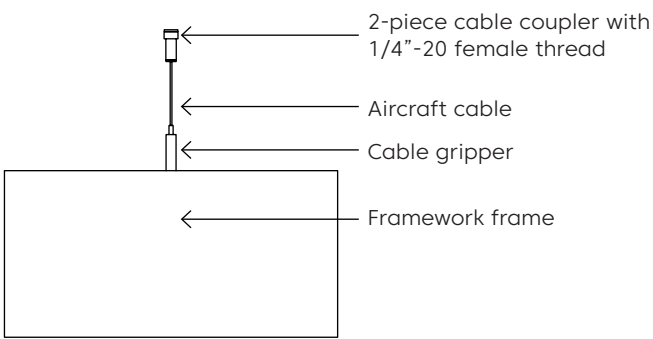
We are constantly updating our palette, which includes adding and discontinuing certain colour lines. If you can't find the colour you are looking for, please contact us with your colour request, as we may still have stock available.

Mounting Methods

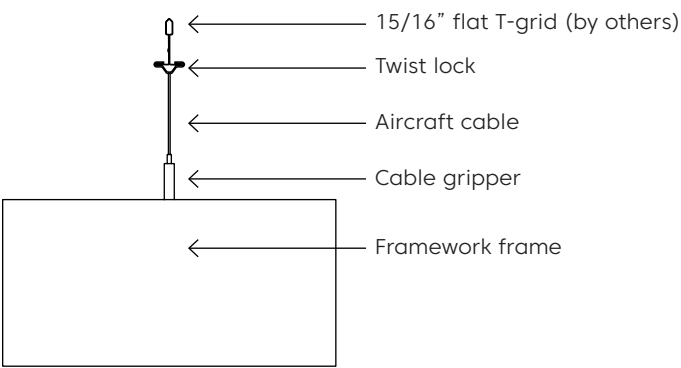
Cable



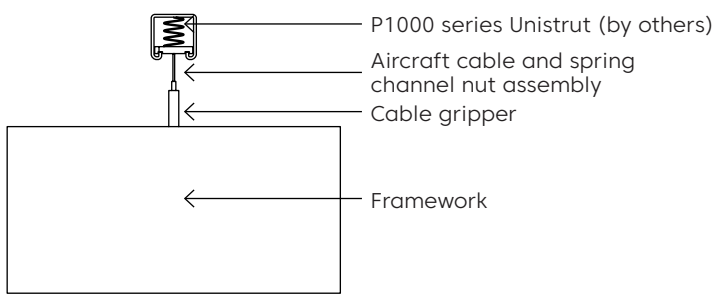
Cable to deck



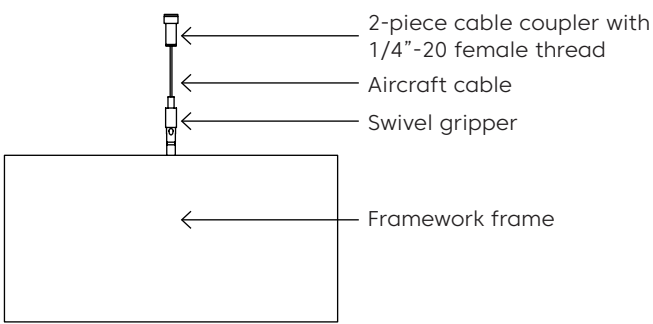
Cable to T-grid



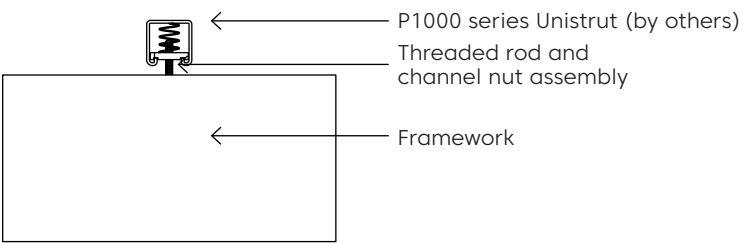
Cable to Unistrut



Swivel cable to deck



Direct to Unistrut



Twist lock to T-grid

