



Framework, Capped Ceiling Grids

Premier Collection

Ideal for expansive, noisy areas, Capped Framework's additional coverage intensifies performance by increasing the sound-absorbing surface area of a Framework ceiling grid. Complement an open Framework design by specifying a cap to areas that would benefit from increased noise reduction and enjoy the bonus of concealing ductwork, cabling, and other fixtures that are not required to be exposed.

Specifications

Surface	Ceiling		
Material	FilaSorb™ polyester felt		
Weight	0.49 lb./ft ² (±10%)		
Standard Sizes	Cell	Height	Thickness
	2' x 2'	6, 8, 10,	2, 3, 4" T
	3' x 3'	or 12" H	
	4' x 4'		
	<i>Custom sizes available</i>		



Framework, Capped Ceiling Grid in Marine and Periwinkle

Technical

NRC Rating	1.65*
Fire Test	ASTM E84, Class A Flame spread index: 15 Smoke developed index: 200
Water Sorption	ASTM C1104-2019 (A Modified) Water sorbed by weight: 0.20% (based on a 12mm thick panel)
Colorfastness	ISO 105-B02, 6-7

* Test results available upon request

Details

Lead Time	3 – 6 weeks
Origin	Manufactured and assembled in the US
Warranty	Product: 20 years* Colorfastness: 20 years*

* Conditions apply

Environmental

Recycled Content	Minimum 60%
Energy	Generated using 40% solar energy
Indoor Air Quality	VOC less than/equal to 0.5mg/m ³
Recyclable	100%*
Certifications	Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold

* PET is recyclable through participating partners



For questions or additional product information, visit [acoufelt.com](https://www.acoufelt.com) or call 800.966.8557.


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Colorways

PREMIER

							
White WH12	Milkyway MI74	Ivory IV11	Pearl PE21	Valentine VA70	Quartz QU67	Stonewash ST72	Sea Salt SE57
							
Platinum PL04	Almond AL55	Pistachio PI25	Turmeric TU60	Flamingo FL61	Amethyst AM69	Periwinkle PE23	Peacock PE20
							
Metal ME03	Mushroom MU75	Celery CE65	Wheat WH68	Peach PE19	Lilac LI13	Marine MA15	Sencha SE58
							
Grey GR02	Umber UM54	Wasabi WA29	Popcorn PO26	Currant CU59	Berry BE06	Azure AZ05	Oregano OR18
							
Charcoal CH01	Walnut WA56	Eucalyptus EU71	Carrot CA08	Loganberry LO77	Granite GR62	Denim DE09	Kale KA12
							
Piano Black PI24	Slate SL27	Nori NO76	Peppercorn PE22	Shiraz SH63	Flint FL64	Midnight MI16	

Order samples at acoufelt.com/colorways

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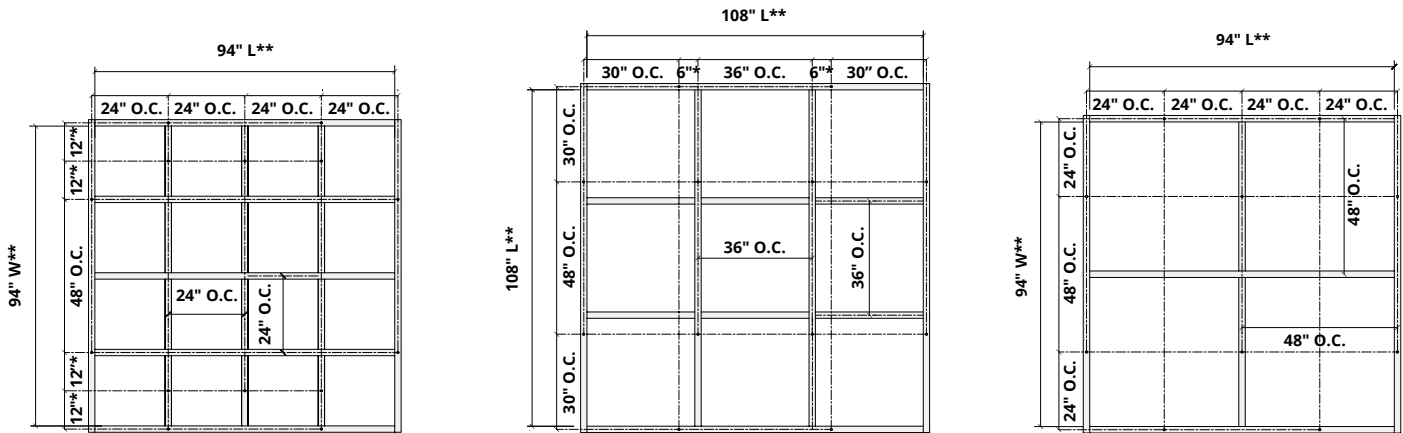
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Sizes

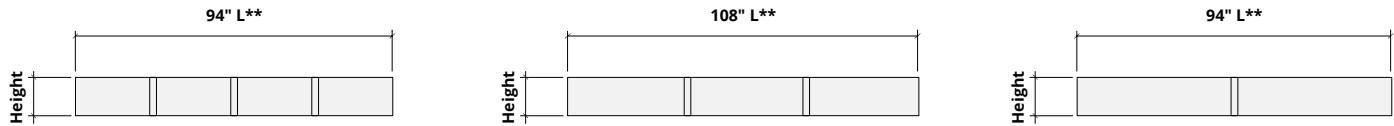
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	3' x 3'	or 12" H	
	4' x 4'		

Custom sizes available

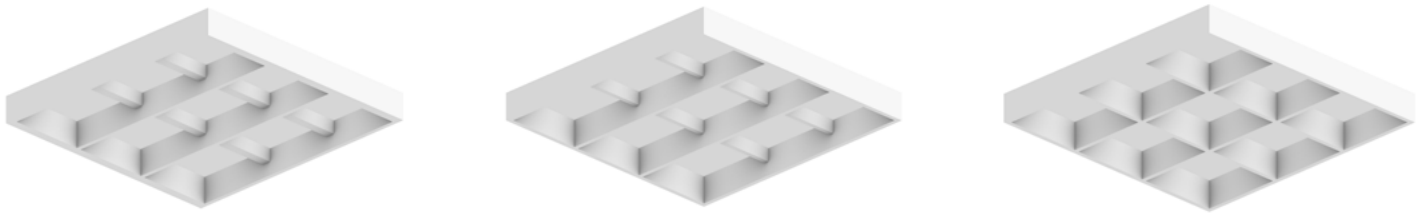
Plans



Elevations



Perspectives



* On center spacing

**Overall width and length is contingent on specified depth. Drawings are 2" T.

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How to Specify

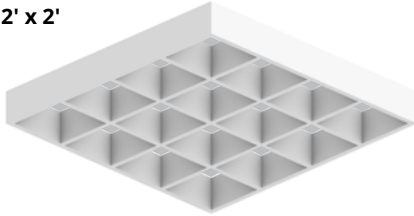
1. Choose Cell Size

2. Choose Slat Sizes

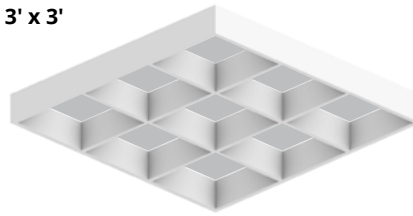
3. Choose Colorways

Cells are available in three sizes:

2' x 2'



3' x 3'



4' x 4'



1. Choose Cell Size

2. Choose Slat Sizes

3. Choose Colorways

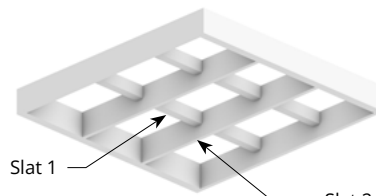
Slats are available in 2 size options.

A: Consistent Sizes



Slat Size
2" T x 6" H
2" T x 8" H
2" T x 10" H
2" T x 12" H
3" T x 6" H
3" T x 8" H
3" T x 10" H
3" T x 12" H
4" T x 6" H
4" T x 8" H
4" T x 10" H
4" T x 12" H

B: Varied Sizes



Height ratio from Slat 1 to Slat 2 is 2:1

Slat 1 Size	Slat 2 Size
2" T x 3" H	2" T x 6" H
2" T x 4" H	2" T x 8" H
2" T x 5" H	2" T x 10" H
2" T x 6" H	2" T x 12" H
3" T x 3" H	3" T x 6" H
3" T x 4" H	3" T x 8" H
3" T x 5" H	3" T x 10" H
3" T x 6" H	3" T x 12" H
4" T x 3" H	4" T x 6" H
4" T x 4" H	4" T x 8" H
4" T x 5" H	4" T x 10" H
4" T x 6" H	4" T x 12" H
2" T x 3" H	4" T x 6" H
2" T x 4" H	4" T x 8" H
2" T x 5" H	4" T x 10" H
2" T x 6" H	4" T x 12" H
4" T x 3" H	2" T x 6" H
4" T x 4" H	2" T x 8" H
4" T x 5" H	2" T x 10" H
4" T x 6" H	2" T x 12" H

1. Choose Cell Size

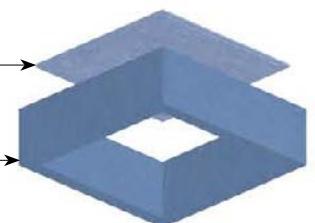
2. Choose Slat Sizes

3. Choose Colorways

Select one colorway for your cells and one colorway for your backer panel. See colorway choices on page 3.

Backer panel
Select one colorway

Cells
Select one colorway



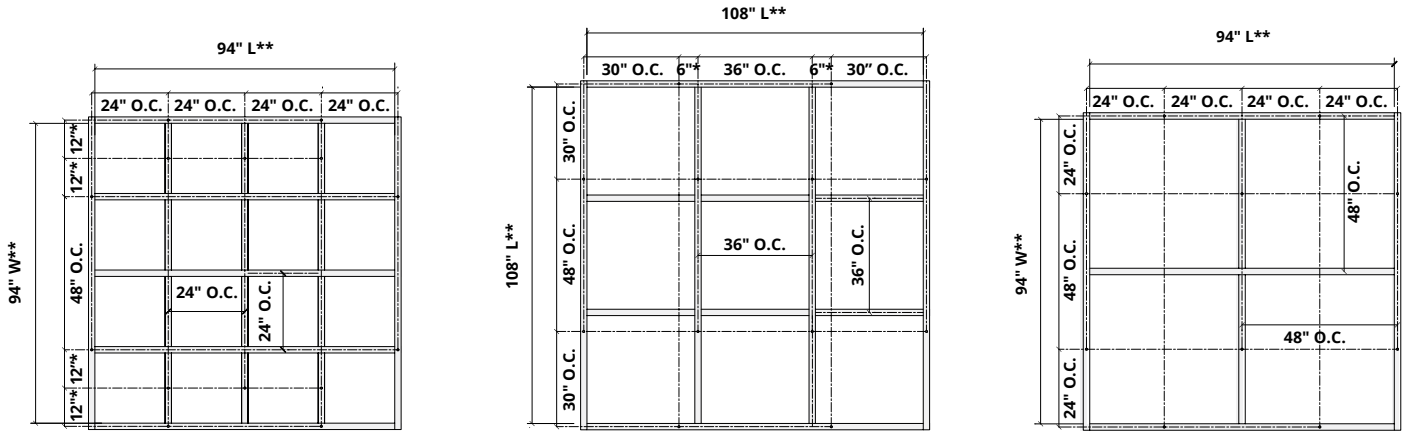
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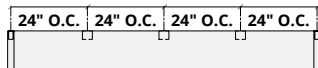
Hardware Spacing

2' x 2'	Front: 24, 24, 24, 24" on center spacing Side: 12, 12, 48, 12, 12" on center spacing
3' x 3'	Front: 30, 6, 36, 6, 36" on center spacing Side: 30, 48, 30" on center spacing
4' x 4'	Front: 24, 24, 24, 24" on center spacing Side: 24, 48, 24" on center spacing

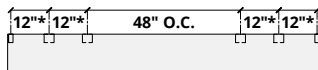
Plans



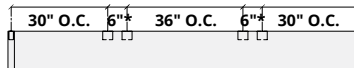
Elevations



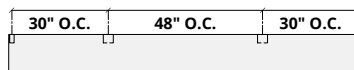
Front elevation



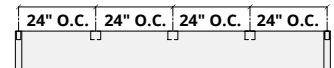
Side elevation



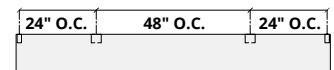
Front elevation



Side elevation



Front elevation



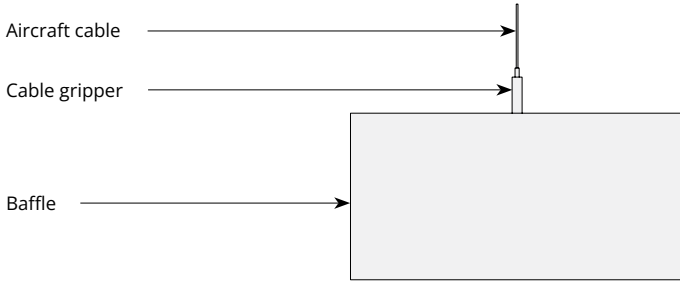
Side elevation

* On center spacing

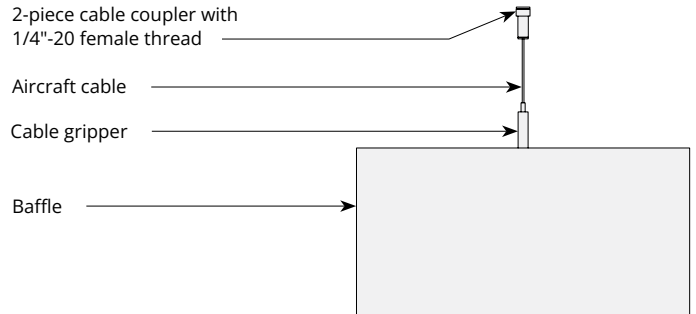
**Overall width and length is contingent on specified depth. Drawings are 2" T.

Mounting Methods

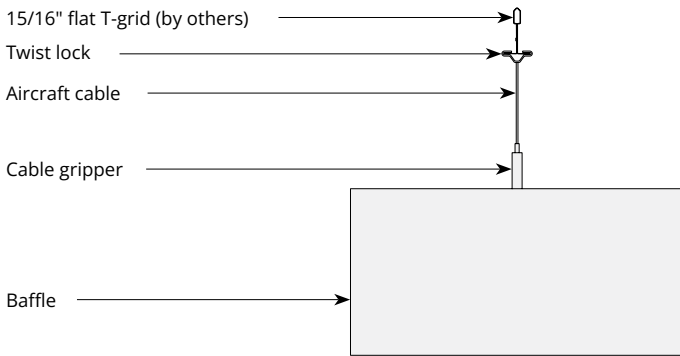
Cable



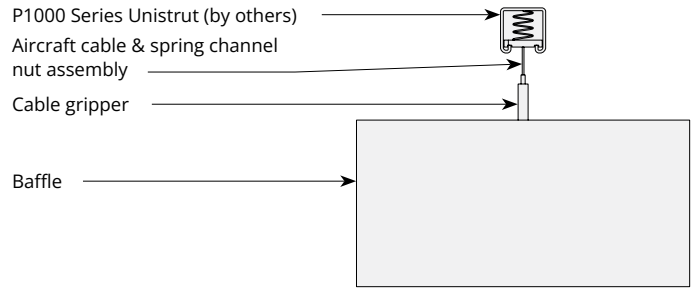
Cable to deck



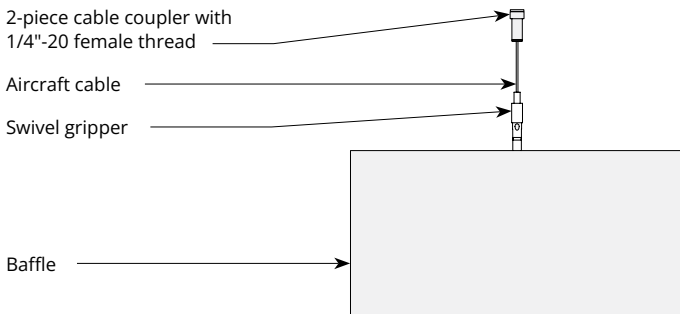
Cable to T-grid



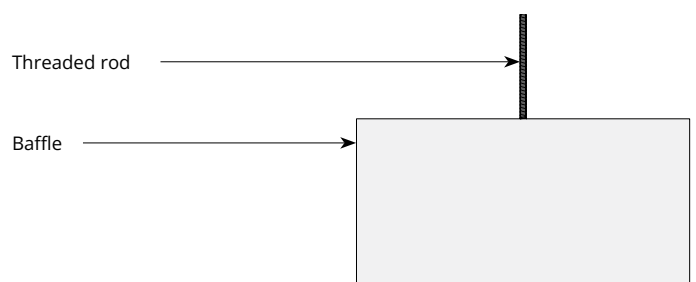
Cable to Unistrut



Swivel cable to deck



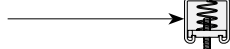
Threaded rod



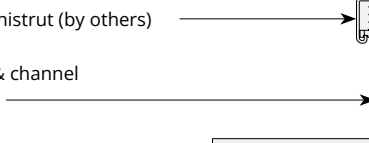
Mounting Methods

Threaded rod to Unistrut

P1000 series Unistrut (by others)



Threaded rod & channel nut assembly

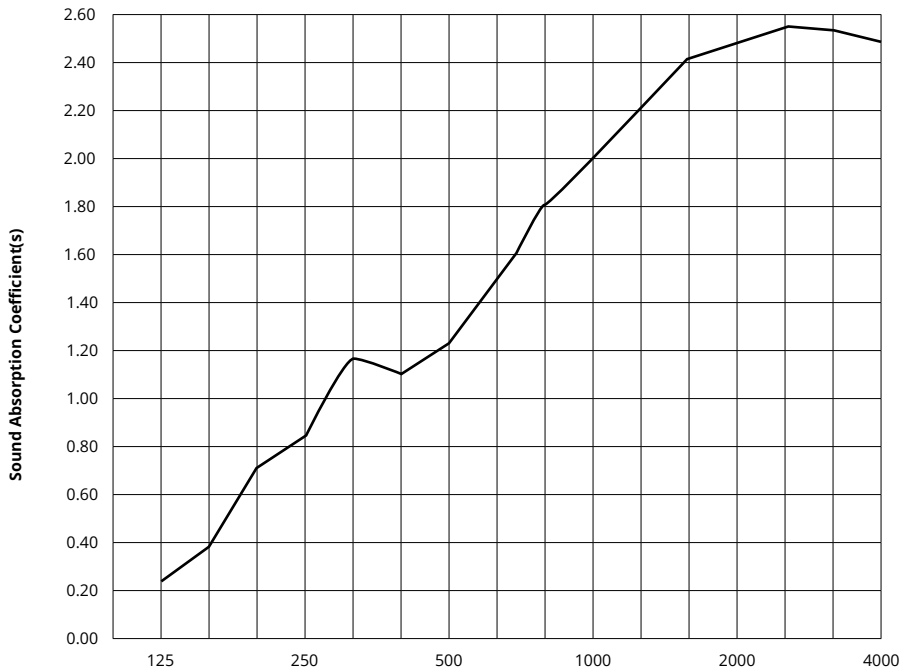


Baffle



Acoustic Performance

Test Method	ASTM E795-16
Install Method	J-600
Rating Method	ASTM C423-17
Mounting Method	Sample tested 6 baffles 110"L x 12" D x 3" thickness, hanging 600mm from floor and 152mm from each other
Test Results	NRC 1.65 SAA 1.68




Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
3" Truss Baffle	0.26	0.86	1.25	2.02	2.49	2.49	1.65

What is a Noise Reduction Coefficient (NRC)?

You'll find the NRC rating in the specifications of all of our products. This acronym stands for Noise Reduction Coefficient, and is expressed as a single number, a rating that describes the degree to which acoustic products can absorb sound.

You can use NRC values to understand the overall performance of our acoustic wall and ceiling products. The higher the NRC, the better the product is at soaking up the sound.

Performance Indices: Noise Reduction Coefficient (NRC) results represent the absorption coefficients measured at the one third octave 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.

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