

# Rafter

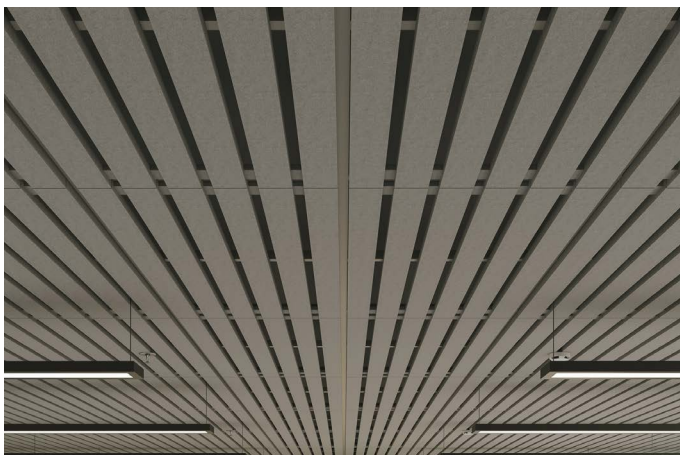
## Ceiling Frames

Premier Collection

Rafter is a high-performance acoustic solution that delivers both value and visual impact, pairing effective sound absorption with a bold sense of rhythm. Its open design reveals the ceiling above while installing directly to the surface, creating a clean, minimalist aesthetic that maximizes budget without compromise. Available in multiple sizes, depths, and finishes, Rafter adapts seamlessly to a wide range of design applications—elevating spaces with both function and refined style.

## Specifications

<b>Surface</b>	Ceiling	
<b>Material</b>	FilaSorb™ polyester felt	
<b>Weight</b>	0.49 lb./ft <sup>2</sup> (±10%)	
<b>Standard Sizes</b>	Height: 1", 2" H Width: 23" W Slat width: 3", 3.5", 3.8", 4.3", 5", 5.5", 7", 7.5" W Length: 24", 48" and 96" L	
<b>Compatible T-grid</b>	<b>Type</b>	<b>Layout</b>
	15/16" Flat	Standard 24" x 24"
	9/16" Flat	Standard 24" x 24"



Rafter Ceiling Frames in Platinum

## Technical

<b>NRC Rating</b>	Pending product testing
<b>Fire Test</b>	ASTM E84, Class A CAN/ULC-S102 Flame spread index: 15 Smoke developed index: 200
<b>Water Sorption</b>	ASTM C1104-2019 (A Modified) Water sorbed by weight: 0.20% (based on a 12mm thick panel)
<b>Colorfastness</b>	ISO 105-B02, 6-7

## Details

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

\* Conditions apply

## Environmental

<b>Recycled Content</b>	Minimum 60%
<b>Energy</b>	Generated using 40% solar energy
<b>Indoor Air Quality</b>	VOC less than/equal to 0.5mg/m <sup>3</sup>
<b>Recyclable</b>	100%*
<b>Certifications</b>	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](https://acoufelt.com/colorways)

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# How to Specify

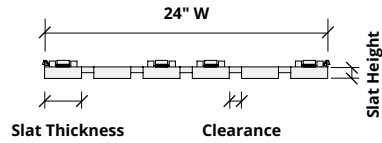
## 1. Choose Slat Size & Clearance

## 2. Choose Backer Panel Size

## 3. Choose Colorways

Frames are available in 3, 4, 5 or 6 slats per frame. Once the number of slats per frame is selected there are 2 heights and widths to select from; the clearance between slats is predetermined based on the number of slats and the selected slat widths. Select the desired combination from the following:

No. Slats	Height	Width	Clearance
6	1"	3"	1"
6	1"	3.5"	0.5"
6	2"	3"	1"
6	2"	3.5"	0.5"
5	1"	3.8"	1"
5	1"	4.3"	0.5"
5	2"	3.8"	1"
5	2"	4.3"	0.5"
4	1"	5"	1"
4	1"	5.5"	0.5"
4	2"	5"	1"
4	2"	5.5"	0.5"
3	1"	7"	1"
3	1"	7.5"	0.5"
3	2"	7"	1"
3	2"	7.5"	0.5"

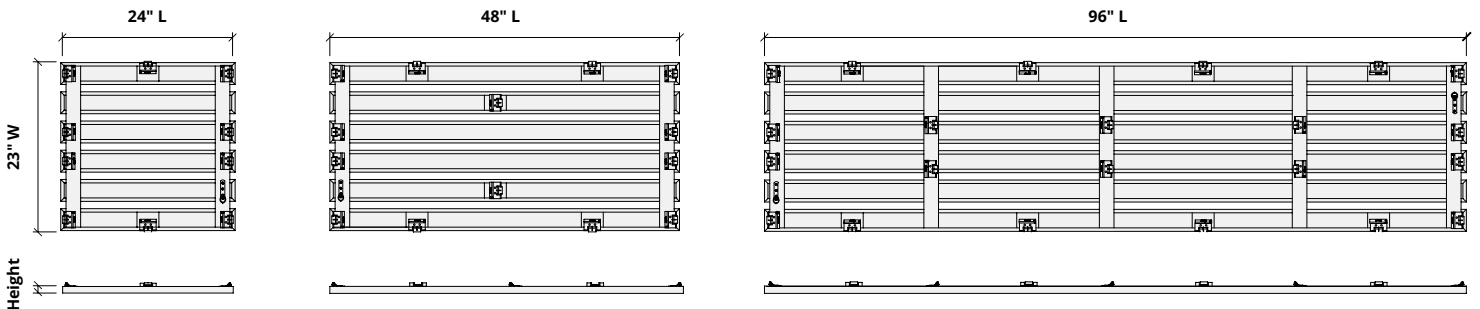


## 1. Choose Slat Size & Clearance


## 2. Choose Backer Panel Size

## 3. Choose Colorways

Backer panels are available in three lengths.



Example shown with 6 slats per frame.  
 Clip spacing may differ. Product ships assembled.  
 Safety cable comes standard on all SoftenUp™ product lines. See installation guides for additional details.

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# How to Specify (cont.)

## 1. Choose Slat Size & Clearance

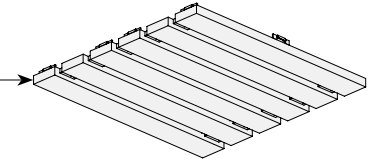
## 2. Choose Backer Panel Size

## 3. Choose Colorways

See colorway choices on page 3.

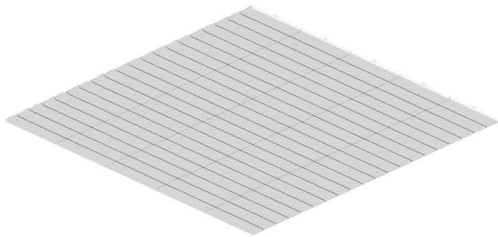
*If you're specifying dark colored backer panels, we recommend dark drop ceiling grids (not provided).*

Slats  
Select colorway

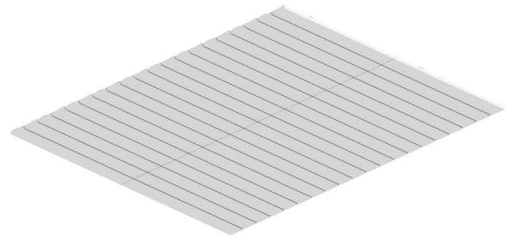


# Recommended Layouts

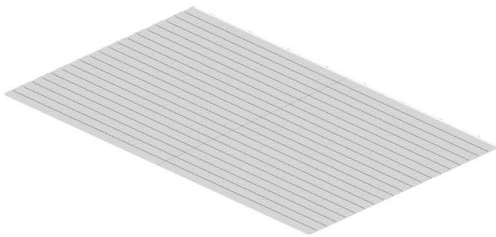
Layout 1



Layout 2

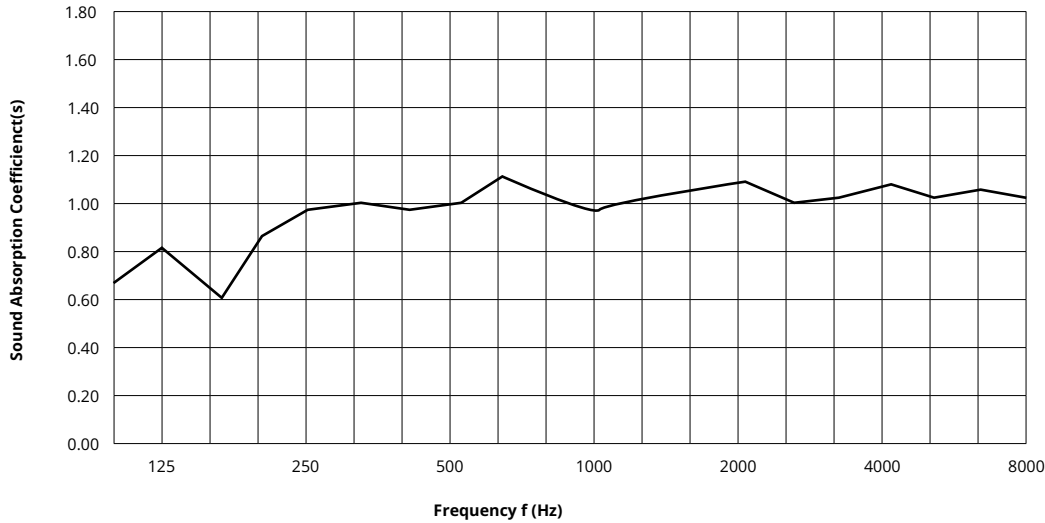


Layout 3



# Acoustic Performance

<b>Test Method</b>	ASTM E795
<b>Install Method</b>	Type E-400
<b>Rating Method</b>	ASTM C423
<b>Mounting Method</b>	2" W x 3" H slat on 12mm backer with 400mm air gap
<b>Test Results</b>	NRC 0.95 SAA 0.96




Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
12mm	0.67	0.86	0.96	1.02	1.04	1.00	0.95

## 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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