



## Acoustic Wood Ceiling Baffle



Real wood, superior acoustic core, flexible installation options, priced right. Mode Acoustic throws the old “high quality, lower cost, done quickly — pick “two” maxim right out the window. Wood in spaces adds a warmth that discerning modern design sometimes lacks. Mode Acoustic Wood Baffles lets designers leave tired skeuomorphic solutions in the past where they belong.

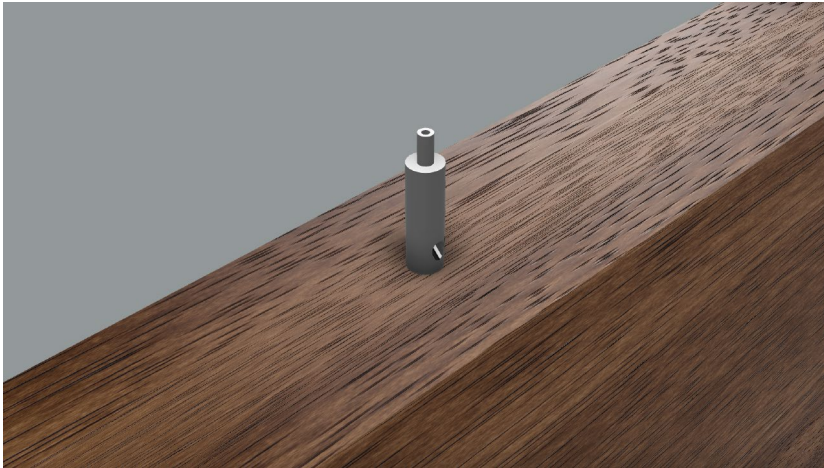
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# Specifications

<b>Product Name</b>	Mode Acoustic Wood Ceiling Baffle
<b>Lead Time</b>	–10 weeks
<b>Content</b>	–Premium wood veneer and an acoustical core with 56% recycled content
<b>Thickness</b>	–2.5” (nominal)
<b>Length</b>	–4’, 6’, 8’ (Custom lengths available)
<b>Height</b>	–6”, 8”, 12” (Custom heights available)
<b>Tolerance</b>	–1/16”
<b>Weight</b>	–3.4lbs per sq. ft.
<b>Sound Performance</b>	–ASTM C423-17 NRC: 1.12
<b>Fire Performance</b>	–Class A materials
<b>Variations</b>	–Slight and consistent variations in color and woodgrain should be expected when using this material. Slight imperfections are within normal manufacturing tolerances and not visible in standard installations.
<b>Environmental</b>	Panels consume a quarter of the natural resources and have a dramatically lower carbon footprint compared to equivalent millwork.
<b>Maintenance</b>	Vacuum to remove any loose dirt or dust. A damp cloth or compressed air can also be used to dust the material in difficult or large installations. If stains are present, you may saturate a lint-free cloth with a soap and water solution or Murphy’s Oil soap.
<b>Warranty</b>	5 years
<b>Unit of Sale</b>	Per carton: 4

# Hardware & LED Lighting

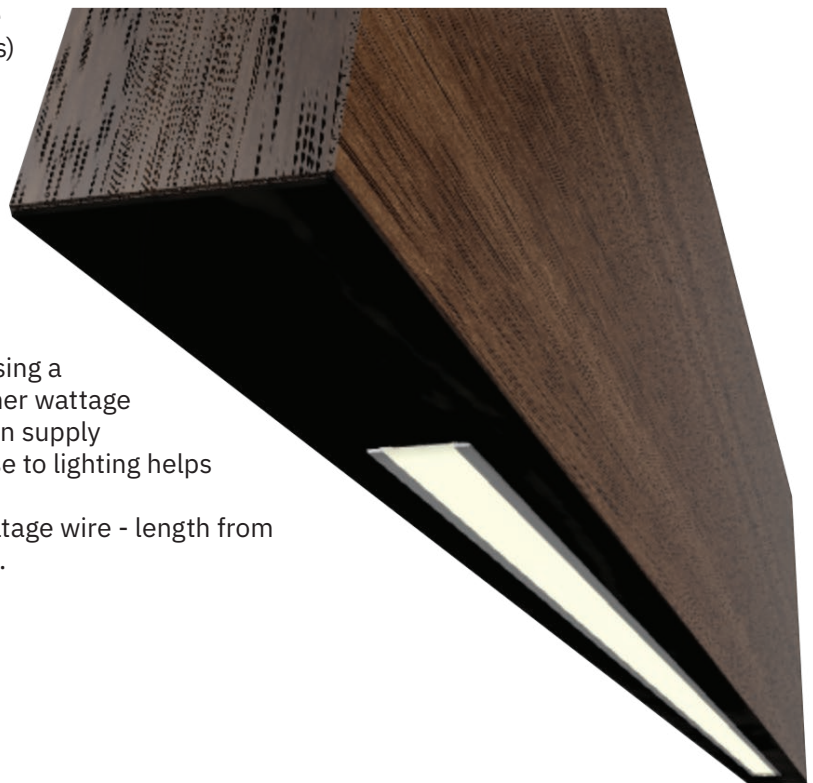
## Cable Gripper



- Side cable-exit Gripper
- 1/4-20 external thread
- For use with 1/16" aircraft wire
- Standard release
- Color: silver
- Hardware installed on 24" or 48" oc for standard sizes
- Installer responsible for aircraft wire and ceiling-side mounts (Mode can supply on request)

## LED Lighting

- Continuous lighting strips — hotspot-free appearance (even in low profile channels)
- Correlated color temperature (CCT): 3,000K (warm white)
- Fully dimmable (dimmer sold separately)
- UL Listed and RoHS
- 90 watts per reel | 18 watts per meter  
~6 watts per foot 7350 lumens per reel  
1470 lumens per meter
- Power supply varies by application (sold separately). We generally recommend using a power supply rated for at least 20% higher wattage than the lighting. We recommend and can supply Meanwell products. Keeping drivers close to lighting helps prevent voltage drop issues.
- Baffle suspension has integrated low-voltage wire - length from baffle to ceiling required at time of order.



# Color & Finishes



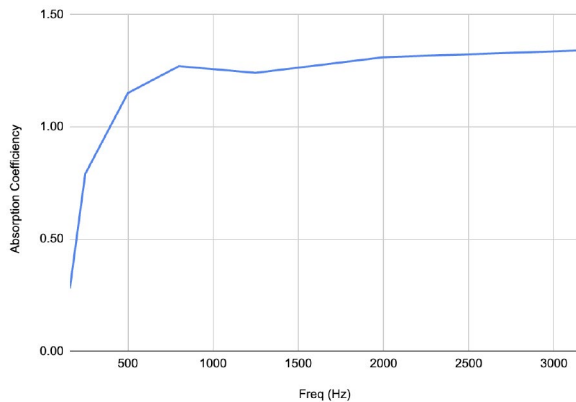
**One in a Million**

Mode Acoustic offers over one hundred veneers, custom staining, and sequencing to meet the needs of any project.



# Test Results

Absorption Coefficiency vs. Freq (Hz)



Freq (Hz)	Absorption Coefficiency
160	0.28
250	0.79
500	1.15
800	1.27
1250	1.24
2000	1.31
3150	1.34
<b>NRC</b>	<b>1.12</b>

The Noise Reduction Coefficiency (NRC) is calculated as the arithmetic average of the absorption coefficients in the shaded bands only (250, 500, 1250 & 2000 Hz).

ASTM C 423-17: Type J Mounting — using 10 baffle units suspended with aircraft wire. 12" oc to simulate a typical baffle installation.