

# WOOD GRILLE SERIES

## Vertical Grille

Vertical Grille in 3.25" profile White Oak



### Specification

#### Material

Grille Veneer: Hybrid Core with Wood Veneer in White Oak, Walnut, Maple, Baltic Birch, or Birch as standards  
Solid Wood Options: Hemlock, Poplar, Walnut, and White Oak

\*Custom materials available.

Acoustical Pad (optional): American-Made EcoCore

#### Finish

Clear Satin UV Finish. Custom color options available.

#### Standard Sizes

Veneer Slats: 0.75" W x 1.5" - 5.25" H x 47", 59", 95" or 119" L  
Solid Wood: 0.625" - 1.75" W x 1.5"-5.25" H x 47", 59", 95" or 119" L  
Overall Grille Sizing: 12" W x 5.25" H x 47", 59", 95" or 119" L

\*Custom sizes available

#### Acoustical Backer (Optional)

American-Made EcoCore  
1/2" (0.50"/12.5mm) - 11 pcf  
1" (1"/25mm) - 7 pcf

### Mounting Method

Grilles can be mounted to a heavy duty t-bar suspended structure with self tapping screws through the cross members.

### Country of Origin

• Made in the USA

### Performance

Fire rating coating can be applied to meet Class A specification

### Acoustical Performance when paired with American-Made EcoCore

#### NRC Rating ASTM C423

(Mounting Method Type F25)

Material: 0.5" EcoCore: 0.65

Material: 1" EcoCore: 0.90

#### Acclimatization

APS's Wood Grilles must be installed in a controlled interior environment with a relative humidity of 25%-55% and a temperature range of 60°F-80°F.

#### Seismic

Wood Grilles generally require additional securing for safety when installed overhead. Common methods include safety wire tie-offs or lock-down screws. Please consult local building codes or a licensed engineer for guidance.

Wood Grille Series



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## Specification

### COMPONENTS

#### HANGERS

#12-gauge wire hangers, braided wire, or aircraft cable (provided by contractor).

#### SUSPENSION SYSTEM

The Wood Grille system should be suspended using a standard 15/16" [24 mm] heavy-duty grid (provided by contractor).

#### SYSTEM PROFILES & DIMENSIONS

Standard vertical grilles with wood veneer slats feature a width of 0.75" and are available in heights of 1.5", 2.25", 3.25", or 5.25", with standard lengths of 47", 59", 95" or 119". Solid wood vertical grilles are offered in widths ranging from 0.625" to 1.75", and the same height options of 1.5", 2.25", 3.25", or 5.25". Slat lengths are also available in standard sizes of 47", 59", 95" or 119". Wood boards are manufactured without finger joints. Panels are connected using black wood backers. Overall Grille panel sizing is 12" w x the desired length.

| SLATS PER FOOT |     |     | WIDTH<br>SOLID<br>WOOD<br>(SW) | WIDTH<br>VENEER<br>(V) | HEIGHT | LENGTH     | SPECIES<br>OAK , WALNUT,<br>POPLAR,<br>HEMLOCK, *BALTIC<br>BIRCH (BB),<br>*BIRCH, *MAPLE |
|----------------|-----|-----|--------------------------------|------------------------|--------|------------|------------------------------------------------------------------------------------------|
| VG2            | VG3 | VG4 |                                |                        |        |            |                                                                                          |
| X              | X   | X   | 0.625" - 1.75"                 | 0.75"                  | 1.50"  | 47" - 119" | O - W - P - H - BB* -<br>B* - M*                                                         |
| X              | X   | X   | 0.625" - 1.75"                 | 0.75"                  | 2.25"  | 47" - 119" | O - W - P - H - BB* -<br>B* - M*                                                         |
| X              | X   |     | 0.625" - 1.75"                 | 0.75"                  | 3.25"  | 47" - 119" | O - W - P - H - BB* -<br>B* - M*                                                         |
| X              |     |     | 0.625" - 1.75"                 | 0.75"                  | 5.25"  | 47" - 119" | O - W - P - H - BB* -<br>B* - M*                                                         |

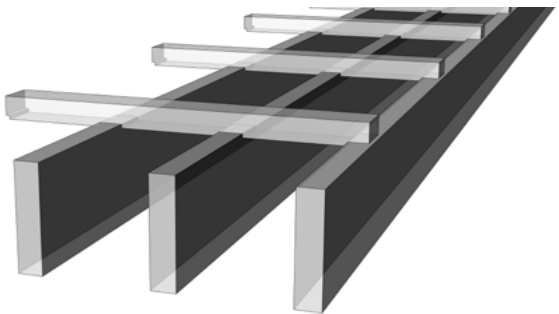
Slats Per Foot - Wood Option Code - Width - Height - Length - Species Code

**EXAMPLE: VG3-V-0.75"-3.25"-10-W**

*Should read from left to right in selection.*

*\*Species with \* are only available in Veneer*

*\*Hemlock and Poplar are only available in solid wood.*



#### Acoustical Backer (Optional)

APS offers optional acoustic panels designed to enhance sound control when used with our Wood Grille series. Panels are available in both 1/2" and 1" thicknesses, depending on ceiling height and clearance requirements. Standard finish is AME-01 Black, with the option to upgrade to American-Made EcoCore colors for a seamless, custom look.

#### NRC Rating ASTM C423

(Mounting Method Type F25)

Material: 0.5" EcoCore: 0.65

Material: 1" EcoCore: 0.90

Vertical Wood Grille Series



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# Specification

Clear Satin UV Finish. Custom color options available.

## Page 3

## Specification

### SHIPPING & STORAGE

#### Shipping

Wood Grille products are shipped on skids with protective padding between each grille. The finished surfaces are placed face-to-face with slip sheets in between to prevent any surface damage.

#### Storage

Wood Grille products must be stored flat and level in a fully enclosed area, protected from sunlight and moisture. At least 72 hours before installation, the packaging should be opened, and the panels placed in the room where they will be installed. The room's temperature and humidity should closely match the conditions expected during building occupancy. Panels must be stored off the floor.

### NOTES

#### SPECIAL CONSIDERATIONS

APS's Integrated Lighting program is designed to improve coordination with MEP (Mechanical, Electrical, and Plumbing) systems, enabling a more efficient and seamless integration process. This begins with factory-made cutouts that accommodate lighting fixtures.

Primary Access Panels refer to designated sections of the system that are removed and reassembled into lift-and-shift panels, allowing for easy access where needed.

Thermally Modified Wood undergoes a controlled heat treatment process known as pyrolysis. This alters the wood's cellular structure, enhancing its durability, dimensional stability, and resistance to biological decay.

Woodbacker Clips are spring-steel fasteners that secure the woodbacker to the heavy-duty suspension grid. These clips feature a phosphate pre-treatment and corrosion-resistant coating for long-term performance.

Wood Grille Series



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# American-Made EcoCore

## EcoCore Acoustic Option



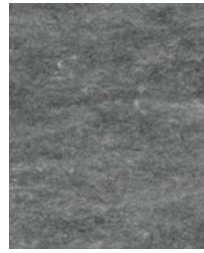
Black \*  
AME-01



Pearl White \*  
AME-07



Charcoal \*  
AME-02



Dark Grey  
AME-03



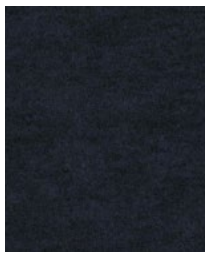
Silver Grey \*  
AME-04



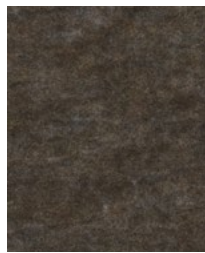
Light Grey  
AME-19



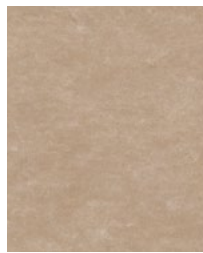
Ocean  
AME-17



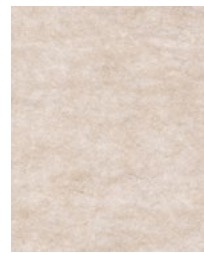
Denim  
AME-18



Walnut  
AME-13



Dark Brown  
AME-06



Light Khaki  
AME-05



Barley  
AME-09



Ivory  
AME-08

### Specification

**Content:** 100% American-made Polyester  
(55% PET-Recycled Fiber, 45% PET-Virgin Fiber)

**Size:** 49" x 121"

**Weight:** 1/2 lb/sf (12.5 mm) 11 PCF  
1.0 lb/sf (25 mm) 7 PCF  
1.5 lb/sf (50.8 mm) 4.7 - 5.0 PCF

**Thickness:** 12.5 mm (0.50"), 25mm (1") or 50.8 mm (2")

### Acoustical Performance

#### NRC Rating ASTM C423

(Mounting Method Type A)

Material: 0.5" EcoCore: 0.45  
Material: 1" EcoCore: 0.80  
Material: 2" EcoCore: 1.10

(Mounting Method Type F25)

Material: 0.5" EcoCore: 0.65  
Material: 1" EcoCore: 0.90  
Material: 2" EcoCore: \*estimated over 1.1

(Mounting Method Type J)

Material: 0.5" EcoCore: 0.55  
Material: 1" EcoCore: 0.75  
Material: 2" EcoCore: \*estimated 1.1

### Sustainability

Made 100% in America  
MAS Certified Green  
LEED v4.1 ID+C, BD+C  
CHPS 2019 Core Criteria 3.0 EQ C6.1.6

### Performance

**Fire Rating** Passes ASTM-E84

### Country of Origin

- AME EcoCore: Made in the USA
- All APS products: Assembled in the USA

### Warranty

All products are warranted against workmanship and manufacturing defects for five (5) years from date of purchase.

\* = Colorways Available in 2" EcoCore  
° = Value Color Options



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# American-Made EcoCore

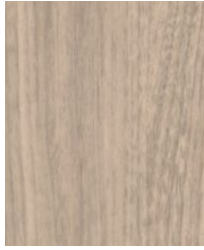
## Wood Grain Color Options



White Oak  
AME-WG-20



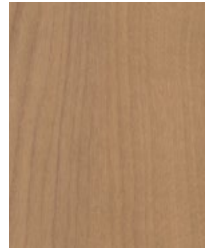
Natural  
AME-WG-21



Cashmere  
AME-WG-22



Ash  
AME-WG-23



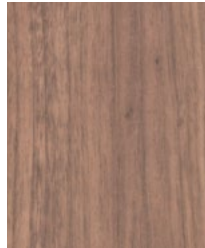
Vintage Oak  
AME-WG-24



Coffee Bean  
AME-WG-25



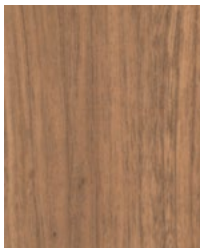
Milkwood  
AME-WG-26



Walnut  
AME-WG-27



Charred  
AME-WG-28



Teak  
AME-WG-29

### Specification

**Content:** 100% American-made Polyester  
(55% PET-Recycled Fiber, 45% PET-Virgin Fiber)

**Size:** 49" x 121"

**Weight:** 1/2 lb/sf (12.5 mm) 11 PCF  
1.0 lb/sf (25 mm) 7 PCF

**Thickness:** 12.5 mm (0.50") or 25mm (1")

**Finish:** Digitally printed with UV curable ink

### Acoustical Performance

#### NRC Rating ASTM C423

(Mounting Method Type A)

Digitally Printed Material: 0.5" EcoCore: 0.50

Digitally Printed Material: 1" EcoCore: 0.80

Material: 2" EcoCore: 1.10

(Mounting Method Type F25)

Material: 0.5" EcoCore: 0.65

Material: 1" EcoCore: 0.90

Material: 2" EcoCore: \*estimated over 1.1

(Mounting Method Type J)

Material: 0.5" EcoCore: 0.55

Material: 1" EcoCore: 0.75

Material: 2" EcoCore: \*estimated 1.1

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CHPS 2019 Core Criteria 3.0 EQ C6.1.6

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