



## TONEWOOD™ MICRO-PERFORATED

### KEY FEATURES

- Wood Veneer, Laminates and Custom Finish Facings
- Facing is Micro-Perforated from a Range of Design Styles & Pattern Options with Custom Patterns Available
- Micro-Perforation Size, Configuration & Selection of Straight or Compound
- Optional Black Acoustical Fleece Backing
- FSC Certified Materials Available
- Additional Absorption of Low Frequency Sound Energy May be Obtained with Simple, Alternate Mounting Methods
- Custom-Printed Digital Imaging Available
- Easy to Install with Fully-Concealed Mounting Hardware Included
- Up to 10 LEED Credits May Apply With Installation of These Products

\*Schools EQ Prerequisite 3 & Credit 9, MR 4.1 & 4.2, MR 5.1 & 5.2, IEQ 4.1 & 4.2 • Innovation in Design (ID)\*

### WARRANTY

AVL Systems' *Limited Warranty* extends for ONE FULL YEAR from original date of shipment.

\* Standard materials have dimensional and weight variations. Calculations are approximate and represent material averages to the best of our knowledge.

### TECHNICAL FEATURES

- **Core:** Fire Rated FRP or Fire Rated MDF
- **Thickness:** ¾"
- **Panel Sizes:** Any Size Up to 48" x 120"
- **Standard Plank Size:** 5" x 96"
- **Special Sizes & Shapes:** Available Upon Request
- **Standard Micro-Perf Options:** .55MM & 1MM
- **Edge Profile:** Flush or Reveal, Plain or Wood Finish
- **Facing:** Wood Veneer, Laminates and Custom Finish Facings
- **Finish:** Natural, Stain, Lacquer, Paint, Custom
- **Fasteners:** Z-Clip, Z-Bar, Ceiling Lay-In
- **FSC Certifications:** FSC Mix, FSC 100%
- **Sound Absorption:** Optional AcousTech™ or TheaterBlack™ Backing
- **Fire Performance:** Class 1/A, UL 723 / ASTM E84

### ACOUSTICAL DATA

Acoustical Performance - Absorption Coefficients							
Frequency (Hz)	125	250	500	1K	2K	4K	NRC
Type A Mounting + 2" TheaterBlack™ Glass Fiber Backing							
ToneWood™ 7 Micro-Perf	0.28	0.89	0.90	0.89	0.87	0.69	0.90
Type E400 Mounting + 2" TheaterBlack™ Glass Fiber Backing							
ToneWood™ Micro-Perf	0.39	0.95	0.91	0.92	0.88	0.74	0.90
ToneWood™ Micro .55MM - Wall Mount							
							0.40
ToneWood™ Micro .55MM - Type A Mounting + 1" TheaterBlack Glass Fiber Backing							
							0.85
ToneWood™ Micro .55MM - Type A Mounting + 2" TheaterBlack Glass Fiber Backing							
							0.85
ToneWood™ Micro 1MM - Wall Mount							
							0.50
ToneWood™ Micro 1MM - Type A Mounting + 1" TheaterBlack Glass Fiber Backing							
							0.90
ToneWood™ Micro 1MM - Type A Mounting + 2" TheaterBlack Glass Fiber Backing							
							0.95

\* Sound absorption tests performed using premium glass fiber back-panel under specific conditions that will not be the same for all applications. Actual installation conditions may yield different results.

## STANDARD WOOD VENEER OFFERINGS

(Other Wood Species and Slicing Options Available)



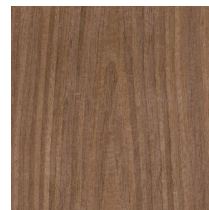
Maple PS



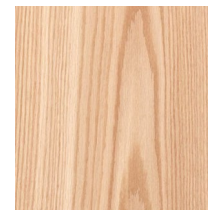
White Oak PS



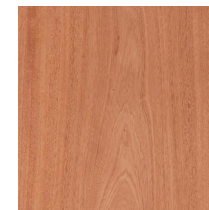
Cherry PS



Walnut PS



Red Oak PS



Mahogany PS



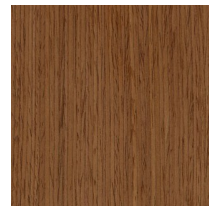
Maple QD



White Oak Rift



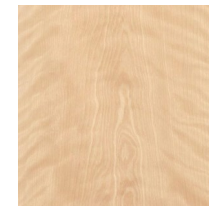
Cherry QD



Walnut QD



Natural Birch PS



White Birch PS