



#### **KEY FEATURES**

- Two-Dimensional Quadratic Residue Diffuser
- Diffuses and Backscatters Sound Uniformly From All Angles of Incidence
- Wood Veneer, Laminates and Custom Finish Facings
- Custom Veneers Available to Coordinate with Designer's Color Palette
- FSC Certified Materials Available
- Design is Optimized with the Use of Quadratic Residue Number Theory & Computer Modeling Analysis, then Precisely Manufactured to Provide Desirable, Two-Dimensional Diffusive Scattering of Returned Acoustical Sound Energy
- Designed for Ceiling & Wall Installations
- Optional Decorative Fabric Facings from Guilford of Maine or Designer Selections from Maharam, Carnegie, DesignTex, Knoll, & More!

#### **TECHNICAL FEATURES**

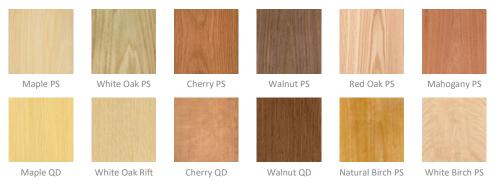
- Thickness (Nominal): 4"
- Sizes (Nominal): 2'x2'
- Edge Profile: Square or Tegular
- Facing: Wood Veneer, Laminates and Custom Finish Facings
- Finish: Natural, Stain, Lacquer, Paint, Custom
- Installation Methods: Cleat Mount for Wall Installations
- FSC Certifications: FSC Mix, FSC 100%
- Fire Performance: Class A

## **ACOUSTICAL DATA**

Acoustical Performance - Sound Absorption & Diffusion						
Frequency (Hz)	125	250	500	1K	2K	<b>4</b> K
Absorption Coefficients	0.14	0.13	0.15	0.22	0.14	0.15
Diffusion Coefficients	0.80	0.73	0.68	0.69	0.70	0.69

## AVAILABLE WOOD VENEER OFFERINGS

(Other Wood Species and Slicing Options Available)



# 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.

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