

PRIME7™ NATURAL

KEY FEATURES

- Quadratic Residue Prime7™ Periodic Reflection Phase Grate Diffuser
- One-Dimensional Diffusion with Wide-Range Scattering
- Two-Dimensional Diffusion & Sound Scattering Can Be Achieved by Grouping Installed Products in an Altering Pattern Array
- Sequence Same for All Diffuser Sizes
- Wood Veneer, Laminates and Custom Finish Facings
- Custom Veneers Available to Coordinate with Designer's Color Palette
- FSC Certified Materials Available
- Prime7™ Ceiling Diffuser's Precise Tolerances & Mono-Block Construction Insures No Resonances, Rattles or Sympathetic Vibration Will Be Caused or Heard, and High STC Ratings are Achieved
- 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)

TECHNICAL FEATURES

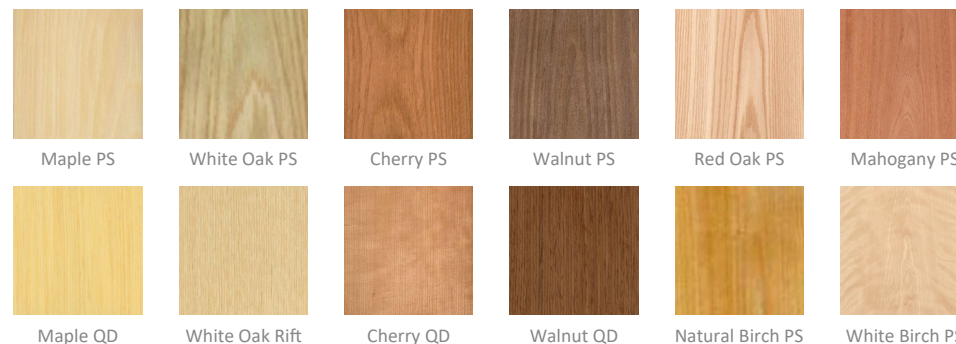
- **Thickness (Nominal):** 9"
- **Sizes (Nominal):** 2'x2', 2'x4', 4'x4'
- **Facing:** Wood Veneer, Laminates and Custom Finish Facings
- **Finish:** Natural, Stain, Lacquer, Paint, Custom
- **Installation Methods:** Cleat Mount for Wall Installations
- **Weight:** 6.2 Lbs/ Square Foot
- **FSC Certifications:** FSC Mix, FSC 100%
- **Fire Performance:** Class A

ACOUSTICAL DATA

Acoustical Performance - Absorption Coefficients							
Frequency (Hz)	125	250	500	1K	2K	4K	NRC
Absorption Coefficients Type A Mounting	0.20	0.22	0.38	0.25	0.21	0.19	0.25
Acoustical Performance - Sound Diffusion & Scattering							
Frequency (Hz)	125	250	500	1K	2K	4K	8K
Diffusion Coefficients	0.19	0.21	0.44	0.46	0.48	0.43	0.35
Scattering Coefficients	0.04	0.24	0.85	0.66	0.86	0.90	0.93

STANDARD 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.