



PRIME7-2D™

KEY FEATURES

- Two-Dimensional Quadratic Residue Diffuser
- Diffuses and Backscatters Sound Uniformly From All Angles of Incidence
- Designed for Ceiling & Wall Installations
- Matte White Painted Finish Provides Excellent Light Reflectivity
- Custom Color Finishes 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
- Optional Decorative Fabric Facings from Guilford of Maine or Designer Selections from Maharam, Carnegie, DesignTex, Knoll, & More!

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

- **Thickness (Nominal):** 4"
- **Sizes (Nominal):** 2'x2'
- **Edge Profile:** Square or Tegular
- **Finish:** Matte White Painted Finish
Optional Colors and Fabric Facings Available
- **Installation Methods:** Tilt & Place in Standard T-Bar Grid Systems, Cleat Mount for Wall Installations
- **Weight:** 8 Lbs.
- **Fire Performance:** Class A

ACOUSTICAL DATA

Acoustical Performance - Sound Absorption & Diffusion						
Frequency (Hz)	125	250	500	1K	2K	4K
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

