

Pyramid

Pyramid Diffuser

Acoustical Performance

(Coefficients)

Frequency (Hz)	125	250	500	1K	2K	4K
Absorption	.26	.19	.14	.10	.05	.08
Diffusion	.79	.81	.80	.69	.51	.37

Pyramid

Lightweight for ceilings and walls

White textured finish, colors optional

Thickness: 6" or 12"

Sizes: 23³/₄" x 23³/₄", 47³/₄" x 47³/₄"

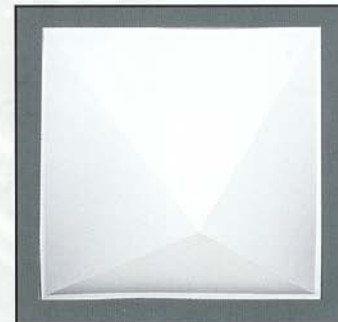
Fire Performance Rating: Class A

Dimensional Tolerances 1/4"

Special sizes available

Description

AVL Systems Pyramid Diffusers are lightweight acoustical control devices for mounting in standard grid ceilings and wall surfaces. These attractive multi-faceted products are designed to achieve optimal performance from their shapes with the use of computer modeling analysis combined with laboratory and application testing. All AVL Systems Pyramid Diffusers are manufactured to provide specular diffusion of the back-scattered sound energy without high-Q reflections and resonance. AVL Systems Pyramid Diffusers are constructed of multi-density, thermo-molded resins to dampen resonance and resist impact and damage. The complete multi-density product is inert, non-combustible, dimensionally stable, and will not resonate, warp, or separate. Products are supplied to finish sizes as specified and ready to install in standard grid ceiling systems. AVL Systems Pyramid Diffusers are ecologically friendly, containing up to 85% recycled materials.



Applications

AVL Systems Pyramid Diffusers are ideal for music education facilities, auditoriums, places of worship, architectural spaces, and other rooms where proper sound control is a consideration. The design of these products allows the specifier to provide specular diffusion to scatter and blend original sounds. This feature helps performers hear themselves with others, improves speech intelligibility, increases clarity and tonal separation for music and performances without significantly reducing reverberation times. The result is clear, spacious, natural sound to be appreciated by performers and enjoyed by the room's listeners.

Interactive Performance

The AcousTech™ and DiSorb™ families of interactive performance products are designed to provide the acoustical engineer and specifier with a complete toolbox of technically compatible performance products for every application. These engineered products can be used together as an interactive system, working together to optimally enhance the acoustics of any architectural space. AVL Systems offers a full range of acoustic products for virtually every application and technical requirement.

Warranty

AVL Systems Limited Warranty extends for one full year from the original date of shipment. All AVL Systems, Inc. published literature, presentations and data are correct to the best of our knowledge at the time of publication. AVL Systems, Inc. reserves the right to change or amend any of the products presented or the information we publish without liability or notice.



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