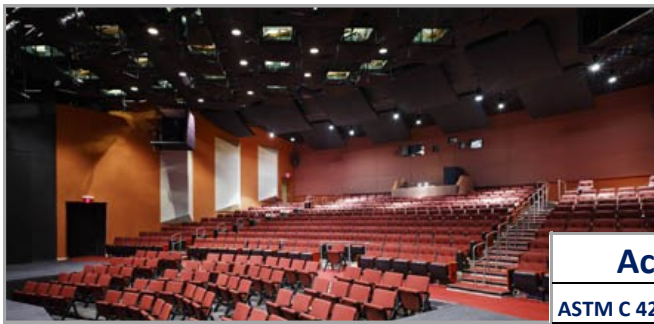


AcousTech™ Low Frequency Absorption Wall & Ceiling Panels

AVL Systems' AcousTech™ Low Frequency Panel is a lightweight, decorative acoustical product that is specifically designed to absorb low frequencies without removing high frequency energy from a space. The exception is the ATP 2.0 LBB, which is a broadband absorber for balanced absorption of both lows and highs. With the outward appearance of a standard wall panel, all models feature inside a damped, select-tuned membrane resonator that is extremely effective at absorbing sound energy below 150 Hz. The entire core assembly is inert, non-combustible, dimensionally stable and will not warp or separate. Edges are chemically hardened to further resist damage. Panels may be installed individually as an accent in color or shape, integrated with other panels of similar thickness, or continuous for a featured area. Standard or customer specified finishes are factory applied to the face of the panel and returned around sides and back to provide a finished product with fully tailored edges and corners. AcousTech™ panels are supplied to finished sizes as specified with totally concealed, factory installed mounting hardware.



Interactive Product Performance

The AcousTech™ family of interactive performance products is designed to provide the acoustical engineer and specifier with a complete "toolbox" of technically compatible products for any application. These engineered products can be used individually or as an interactive system, working together to optimally enhance the interior design, functionality and acoustics of the architectural space. AVL Systems, Inc. is pleased to offer a full range of standard and custom architectural acoustical products for virtually every application and technical requirement.

Technical Features & Information

- Lightweight Systems for Ceiling & Wall Installations
- Decorative Fabric Facings or Designer Selection/ C.O.M.
- Custom-Printed Digital Imaging Available
- Core: 6-7 lb./cu. ft. fiberglass
- Thickness: 2" or 4"
- Sizes: Any size up to 48" x 120"
- Special Sizes: Available Upon Request
- Edge Profile: Square, Bevel, Radius, Miter
- Fasteners: Mechanical, Impaling, L-Bracket, Frame
- Dimensional Tolerances: +/- 1/16" (.0625")
- Fire Performance: Class A

Applications

AcousTech™ Low Frequency Panels are designed for areas where the control of low frequency sound energy is necessary without a substantial change in the existing high frequency energy. They are suitable for new construction and renovation such as in auditoriums, music rehearsal space, schools, churches, media rooms, or any area where acoustics, aesthetics and value are a consideration.

Acoustical Performance - Absorption Coefficients

ASTM C 423 test with 48"x48" test specimens. Results may vary dependent on size of panels.

Frequency (Hz)		100	125	250	500	1K	2K
ATP 2.0 L	2" Panel	0.58	0.61	0.35	0.35	0.25	0.18
ATP 2.0 LBB	2" Panel	0.47	0.73	0.76	0.95	0.96	0.98
ATP 4.0 L	4" Panel	0.78	0.54	0.41	0.37	0.25	0.18

Warranty

AVL Systems' *Limited Warranty* extends for ONE FULL YEAR from the original date of shipment. AVL Systems' literature, presentations and published data are correct to the best of our knowledge at time of publication. AVL Systems, Inc. reserves the right to change or amend any of the products or the information presented or published without liability or notice.



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