

AcousTech Endure™ High Abuse-Resistant Wall & Ceiling Panels

The AVL Systems AcousTech Endure™ High Abuse-Resistant Acoustical Panel is a lightweight, general purpose, decorative acoustical product. The core is one piece, inert, non-combustible, dimensionally stable and will not warp or separate. Additional abuse protection is supplied by a concealed, perforated, acoustically transparent co-polymer sheet that is laminated to the face of the core and edges can be chemically hardened to further resist damage. Panels may be installed individually as an accent in color or shape or continuous for a featured area. Standard or customer specified finishes are factory applied to the face of the panel and returned around the 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. When necessary, field cuts or modification can easily be accomplished by the installer.



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 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
- Facing: 1/16” impact resistant & acoustically transparent perforated co-polymer sheet
- Thickness: 1-1/16”, 1-9/16”, 2-1/16”, 3-1/16”
- Sizes: Any Size Up To 48” x 120”
- Special Sizes: Available Upon Request
- Fasteners: Mechanical, Impaling, Velcro, Magnetic
- Fire Performance: Class A

Applications

AcousTech™ Endure High Abuse-Resistant Acoustical Panels are the ideal decorative wall and ceiling treatment for areas where sound and noise control are a consideration along with resistance to impact, damage or abuse. They are suitable for new construction and renovation such as gymnasiums, schools, conference areas, public buildings, offices or any area where acoustics, aesthetics and value are a consideration.

Acoustical Performance - Absorption Coefficients

Frequency (Hz)	125	250	500	1K	2K	4K	NRC
ATPE 1.1 1-1/16" Panel	0.13	0.31	0.80	1.05	1.15	1.45	0.90
ATPE 1.6 1-9/16" Panel	0.36	0.78	1.13	1.10	1.15	1.39	1.05
ATPE 2.1 2-1/16" Panel	0.54	1.01	1.16	1.11	1.19	1.59	1.10
ATPE 3.1 3-1/16" Panel	0.94	1.00	1.14	1.21	1.2	1.47	1.15

Warranty

AVL Systems' *Limited Warranty* extends for TWO FULL YEARS 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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