

# AcousTech Pressure Zone™ Bass Systems

## AVL Systems' Pressure Zone™ Bass

**Systems** are innovatively designed and manufactured to absorb low frequency acoustical energy. Featuring advanced materials and manufacturing technologies, Pressure Zone™ Systems convert acoustical energy into air motion by utilizing internally damped select-mass membranes developed by our engineers to provide maximum attenuation of low frequency energy. This Pressure Zone System, while absorbing low frequency sound, also backscatters mid and high frequencies into the room to enhance spaciousness. When grouped in a space, the Pressure Zone™ Systems can be sequentially tuned to treat unwanted spurious resonances as well. We provide standard and custom factory tunings to treat various room mode frequency problems. Standard and custom factory-tuned Pressure Zone™ Systems are designed to absorb more bass in the frequency ranges required by the room.

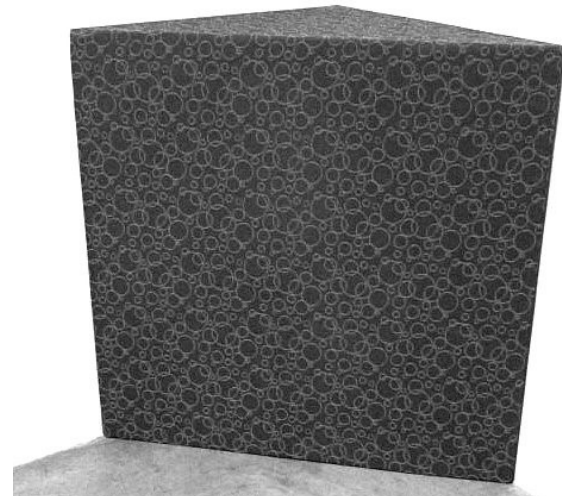
## Interactive Product Performance

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.

## Applications

Pressure Zone™ Bass Systems are the ideal decorative acoustical treatment for placement

at intersecting walls or wall-ceiling corners. They are small enough to fit unobtrusively in any room corner while achieving big performance from their efficient design and construction. Suitable applications include new construction and renovation such as auditoriums, conference areas, libraries, schools, offices, worship space, recording and broadcast studios, public buildings, or any area where acoustics, aesthetics and value are a consideration.



## Technical Features & Information

- Lightweight for Ceiling, Wall or Freestanding Installations
- Modular and Stackable
- Decorative Fabric Facings or Designer Selection/ C.O.M.
- Core: 6-7 lb./cu. ft. fiberglass
- Thickness: 12-½" Deep (Standard)
- Sizes (Nominal): 24" X 24"
- Special Sizes: Available Upon Request
- Fasteners: Hook/ Loop
- Weight: 17 lbs.
- Fire Performance: Class A

| Acoustical Performance - Absorption Coefficients |      |      |      |      |      |      |      |      |      |      |      |      |
|--|------|------|------|------|------|------|------|------|------|------|------|------|
| Frequency (Hz)                                   | 80   | 100  | 125  | 160  | 200  | 250  | 315  | 400  | 500  | 630  | 800  | 1K   |
| PZ 80 Bass Systems                               | 1.15 | 0.62 | 0.5  | 0.48 | 0.45 | 0.42 | 0.42 | 0.35 | 0.24 | 0.22 | 0.21 | 0.23 |
| PZ 100 Bass Systems                              | 1.17 | 1.1  | 0.61 | 0.55 | 0.43 | 0.43 | 0.46 | 0.32 | 0.24 | 0.23 | 0.24 | 0.2  |

## 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.



## AVL Systems, Inc.

5540 SW 6th Place · Ocala, FL 34474 · [www.AVLonline.com](http://www.AVLonline.com)

Toll Free: 1-800-228-7842 · Fax: 352-854-1278 · Email: [info@AVLonline.com](mailto:info@AVLonline.com)