



DELTA-ACOUSTIC PANELS

*The attractive interior finishing system
for quickly & economically improving room acoustics*

Delta-Acoustic Panels are excellent for upgrading existing facilities, creating a pleasant acoustic environment by reducing background noise and reverberation . . . for achieving the necessary sound control in new building areas.

An Elegant Acoustic Treatment . . . at a Reasonable Cost

Delta-Acoustic wall and ceiling panels provide a convenient method for significantly reducing the reverberant noise in an area, thereby eliminating speech interference problems. And this acoustic control can be accomplished without compromising the aesthetic quality of the facility.

With a 135° return edge and no visible attachment mechanisms, the panels are a neat addition to any area. They can be

mounted flush or suspended on room surfaces.

- Handsome textured appearance
- Wide range of colors to allow coordination with room decor
- Concealed mounting
- Smooth, continuous line

These perforated metal sound control panels offer many economics . . . low initial cost, simple and quick to secure on walls and/or ceiling, thereby reducing installation expenses, and easy to clean, with little maintenance required.

Dependable, Lasting Performance

Quality engineered, Delta-Acoustic Panels retain their structural and acoustic integrity over time.



DELTA-ACOUSTIC PANELS

*Handsome
cost-effective
acoustic treatment
for:*

- auditoriums
- radio/TV/recording studios
- restaurants, clubs, & taverns
- music practice & rehearsal rooms
- conference rooms/
conference centers
- pools, spas, workout rooms, & similar indoor facilities
- hotel reception/lobby areas, dining rooms, & other public spaces



Delta-Acoustic Panels allow a wide degree of design freedom. Since panel color can be selected, these panels can harmonize or contrast with a room's interior decor.



ECKEL INDUSTRIES, INC., ACOUSTIC DIVISION • 155 Fawcett Street • Cambridge, MA 02138
Tel: 617-491-3221 • Fax: 617-547-2171 • e-mail: eckel@eckelacoustic.com • www.eckelacoustic.com

DELTA-ACOUSTIC PANELS

SPECIFICATIONS

Delta-Acoustic Panels, manufactured by Eckel Industries, Inc., Cambridge, MA, are high performance "unit" sound absorbing panels designed to be flush mounted on wall and ceiling surfaces, but they also may be spaced off for added diffraction effect, since the Panels may be installed without disturbing existing utilities, such as lighting, ventilation, dif-fusers, and sprinklers. Their special panel design and edge geometry provide maximum sound absorption in flush mounted wall and ceiling applications. With a NRC of 1.05, the Delta-Acoustic Panel is an excellent choice for any hard reverberation space – recording studios, auditoriums, restaurants, theaters, conference rooms, multi-purpose rooms, radio and television studios, and similar areas. The 135° returned side and end construction creates an "unrevealed edge" so that the panel sides are virtually invisible, thereby combining a truly unique design with outstanding acoustical performance.

Delta-Acoustic Panels are fabricated of 22 gauge perforated electroplated steel. (.032 aluminum also is available.) Perforations are 3/32" holes on 3/16" staggered centers. Insulation is 2" thick, fine fibered, fibrous glass. Acoustic insulation may be enclosed in 1.5-2 mil poly-wrap when exposed to high humidity, oil or grease vapors, and/or used in dust-free clean rooms.

Standard finish is white polyurethane enamel paint. However, matched colors are available to suit any decor requirement. Standard Panel sizes are 24" x 42" and 24" x 88". Panel thickness is 2".

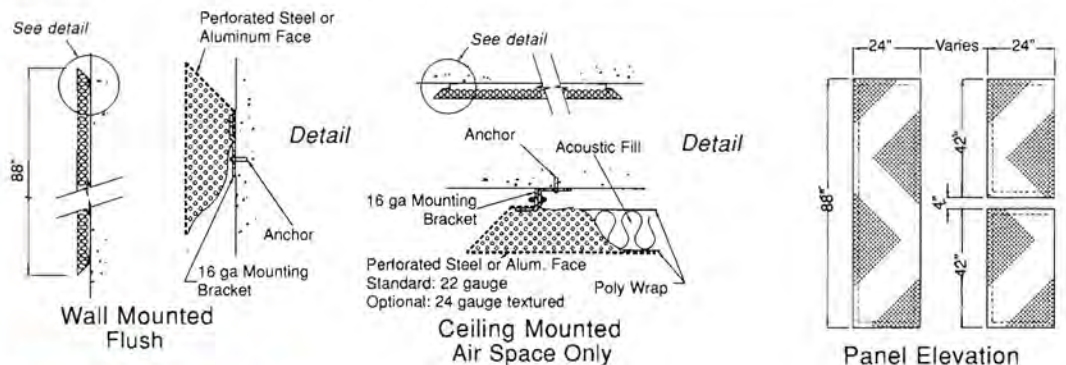


Delta-Acoustic Panels provide a convenient method of improving the acoustic environment of retail facilities and other public spaces.

Panel attachment is by key-hole slot in panel back or angle mounting brackets. (Contact factory for details.)

Acoustic performance of Panels is certified to meet the following minimum sound absorption when tested in accordance with ASTM C423 as conducted by Riverbank Acoustical Laboratories (for a 24" x 88" - 2" thick panel with acoustic fill encapsulated in 1.5 mil flameguard polyethylene wrap):

Sound Absorption (Sabins/Panel)		
24" x 88" - 2" Thick Delta-Acoustic Panel		
Frequency	Flush	4" Space
125 Hz	4.52	5.27
250 Hz	11.55	12.69
500 Hz	11.65	21.71
1000 Hz	18.32	18.77
2000 Hz	13.19	16.08
4000 Hz	9.02	10.93
NRC	1.05	1.15



ECKEL INDUSTRIES, INC., ACOUSTIC DIVISION • 155 Fawcett Street • Cambridge, MA 02138
Tel: 617-491-3221 • Fax: 617-547-2171 • e-mail: eckel@eckelacoustic.com • www.eckelacoustic.com

Specifications are subject to change without notice.

Printed in U.S.A. SES200041

