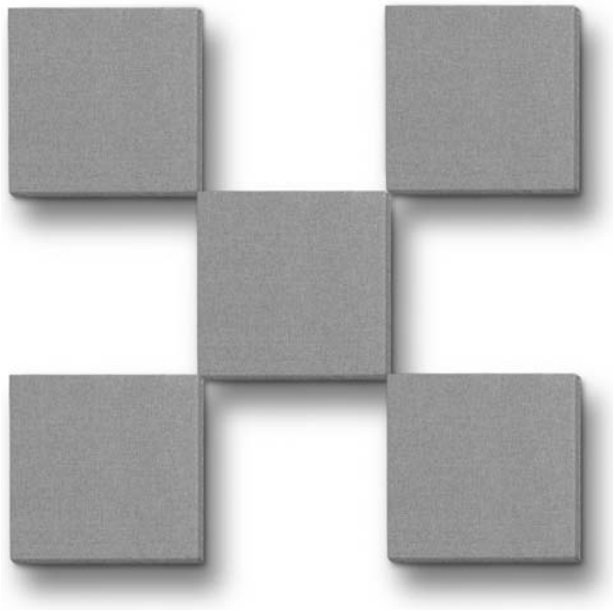
BROADWAY™ SCATTER BLOCKS™



12" x 12"
(305mm x 305mm)

Scatter Blocks™ are an easy to install acoustic treatment used where you want to control sound but do not want to eliminate the natural room ambience. Scatter Blocks are designed to be randomly placed on wall surfaces to create an effect we call Soft Diffusion™, an affordable alternative to quadratic diffusion. By leaving some reflective wall space in between the Scatter Blocks, flutter echo and standing waves are controlled while allowing some energy to reflect back into the room.

This approach helps maintain a sense of air or ambience in the room response. Scatter Blocks are an excellent choice for live-end, dead-end style designs found in studios and home theaters. Broadway Scatter Blocks come in a choice of 2 thicknesses and three colors: black, beige and gray.

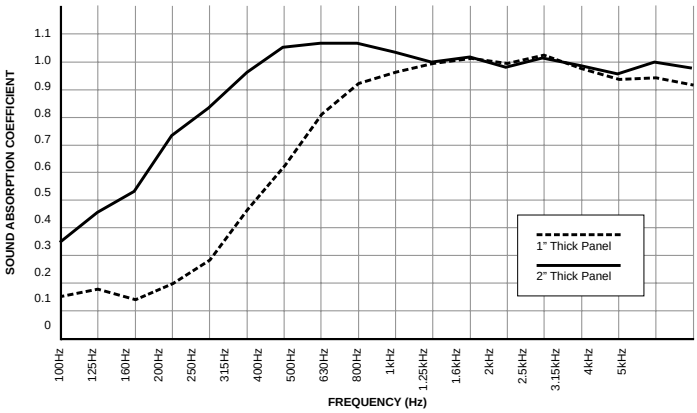
SPECIFICATIONS:

DIMENSIONS	12" x 12" (305mm x 305mm)
PANEL DEPTH	1" (25mm), 2" (51mm)
CORE MATERIAL DENSITY	Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
BACKING	Sealed with acoustically transparent micro-mesh
EDGE TREATMENT	Sealed and hardened with resin
RECYCLED CONTENT	Up to 40%

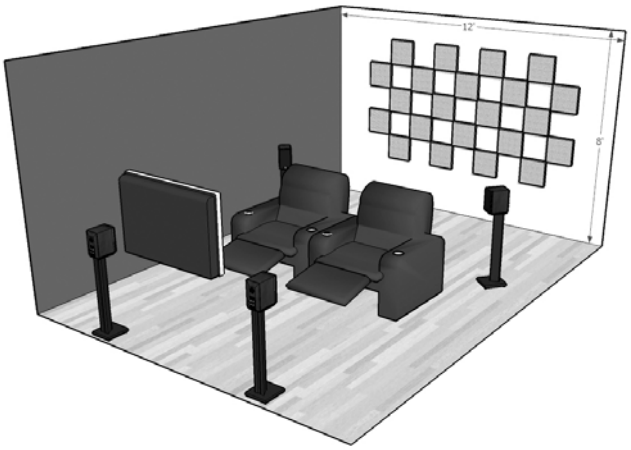
ABSORPTION CHARACTERISTICS:*
Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1" Depth	0.17	0.28	0.81	1.00	1.02	0.95	0.80
2" Depth	0.45	0.83	1.07	1.00	1.01	1.00	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.



APPLICATION:



FIRE & BURN PERFORMANCE:**

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

** This method, designated as ASTM E 84-05, "Standard Method of Test for Surface Burning Characteristics of Building Materials", is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies under actual fire condition.

PRODUCT RANGE:

ORDER NO.	COLOR	DEPTH	EDGE	COVERAGE	BOX QTY.
F101-1212-00	Black	1" (25mm)	Square	24 sq/ft (2.23sq/m)	24
F101-1212-03	Beige				
F101-1212-08	Grey				
F102-1212-00	Black	2" (51mm)	Square	24 sq/ft (2.23sq/m)	24
F102-1212-03	Beige				
F102-1212-08	Grey				

BROADWAY™ CONTROL COLUMNS™

Control Columns™ are designed to be positioned in arrays to treat bothersome reflections that exist between sound source and listener. The panels are typically spread across a wall surface leaving reflective space between each panel completely to avoid completely deadening the space. This helps control acoustic reflections while leaving a sense of air or natural ambiance.

The Control Column's long narrow design is reminiscent of the historic Roman Pillar making it an ideal compliment to the most demanding architectural designs. Control Columns are an excellent choice in live-end, dead-end studio designs and home theaters while also providing a cost effective alternative for larger spaces such as music practice rooms, dance studios, fitness centers and classrooms. Broadway Control Columns come in a choice of 3 thicknesses and 3 colors: black, beige and gray and may be ordered with or without a beveled edge.

12" x 48"
(305mm x 1219mm)

SPECIFICATIONS:

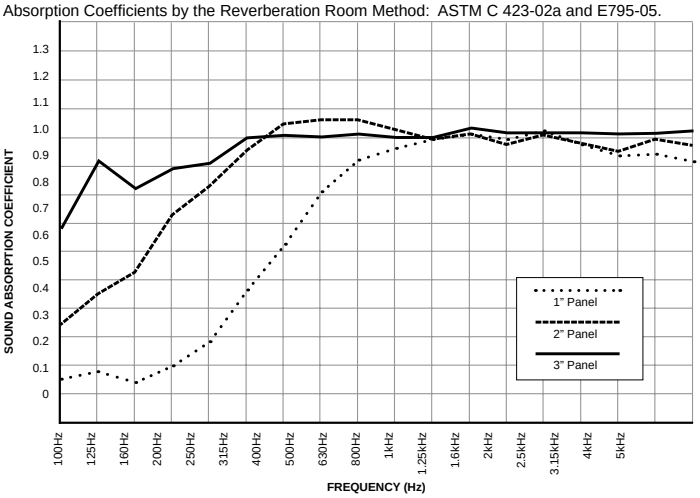
DIMENSIONS	12" x 48" (305mm x 1219mm)
PANEL DEPTH	1" (25mm), 2" (51mm), 3" (76mm)
CORE MATERIAL DENSITY	Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
BACKING	Sealed with acoustically transparent micro-mesh
EDGE TREATMENT	Sealed and hardened with resin

ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1" Depth	0.17	0.28	0.81	1.00	1.02	0.95	0.80
2" Depth	0.45	0.83	1.07	1.00	1.01	1.00	1.00
3" Depth	0.92	0.91	1.00	1.00	1.02	1.03	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.



FIRE & BURN PERFORMANCE:**

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

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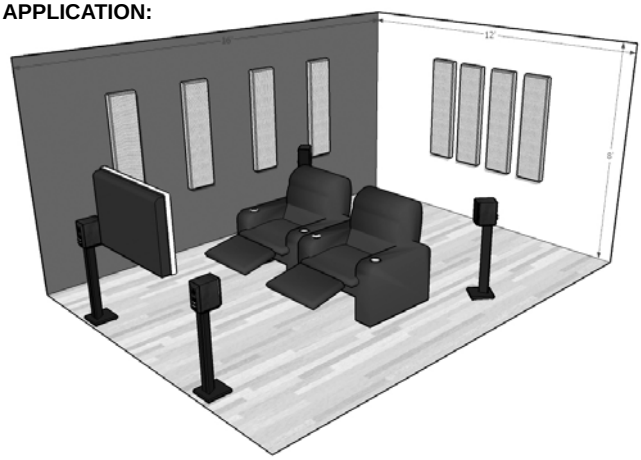
APPLICATION:



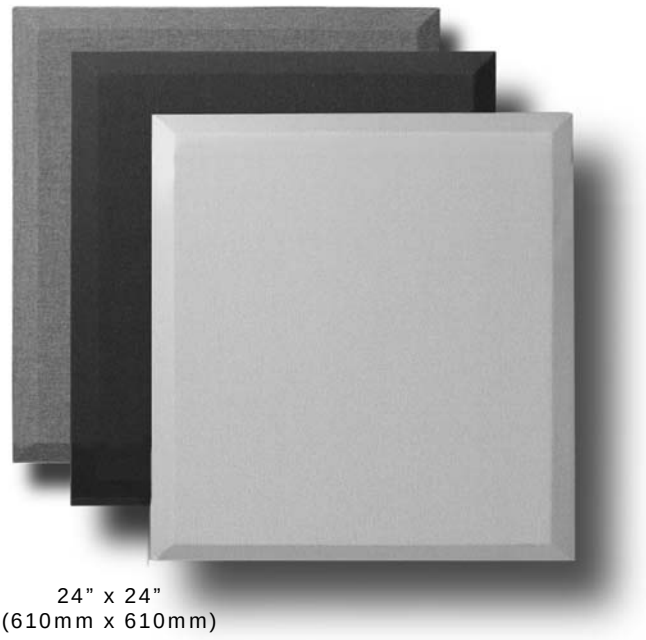
PRODUCT RANGE:

ORDER NO.	COLOR	DEPTH	EDGE	COVERAGE	BOX QTY.
F101-1248-00	Black	1" (25mm)	Square	48 sq/ft (4.46 sq/m)	12
F101-1248-03	Beige				
F101-1248-08	Grey				
F102-1248-00	Black	2" (51mm)	Square	48 sq/ft (4.46 sq/m)	12
F102-1248-03	Beige				
F102-1248-08	Grey				
F122-1248-00	Black	2" (51mm)	Beveled	48 sq/ft (4.46 sq/m)	12
F122-1248-03	Beige				
F122-1248-08	Grey				
F103-1248-00	Black	3" (76mm)	Square	32 sq/ft (2.97 sq/m)	8
F103-1248-03	Beige				
F103-1248-08	Grey				

BROADWAY™ CONTROL CUBES™

Control Cubes™ present an attractive, easy to install acoustic treatment used where you want to control primary reflections, eliminate flutter echo and reduce standing waves. The panels are typically spaced in an array leaving some reflective space to avoid completely deadening the room. This helps control acoustic problems while leaving a sense of air or space in the room.

The Control Cube's square design is particularly well suited for large wall surfaces needing treatment and where you would like to create distinctive architecturally pleasing patterns. Broadway Control Cubes come in a choice of 2 thicknesses and 3 colors: black, beige and gray and may be ordered with or without a beveled edge.



24" x 24"
(610mm x 610mm)

SPECIFICATIONS:

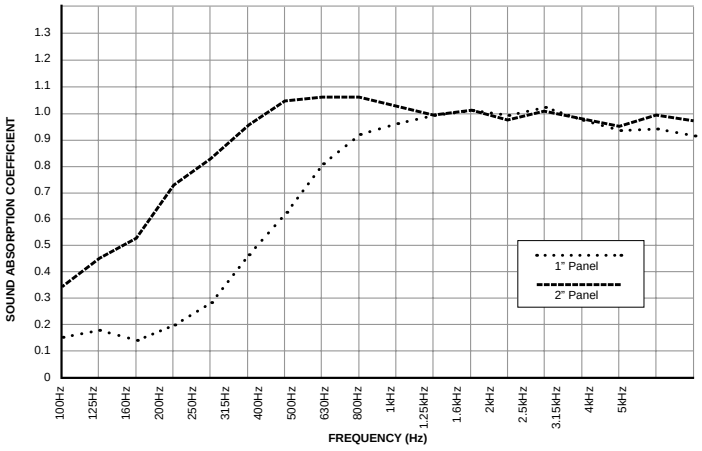
DIMENSIONS	24" x 24" (610mm x 610mm)
PANEL DEPTH	1" (25mm), 2" (51mm)
CORE MATERIAL DENSITY	Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
BACKING	Sealed with acoustically transparent micro-mesh
EDGE TREATMENT	Sealed and hardened with resin
RECYCLED CONTENT	Up to 40%

ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1" Depth	0.17	0.28	0.81	1.00	1.02	0.95	0.80
2" Depth	0.45	0.83	1.07	1.00	1.01	1.00	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.



FIRE & BURN PERFORMANCE:**

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

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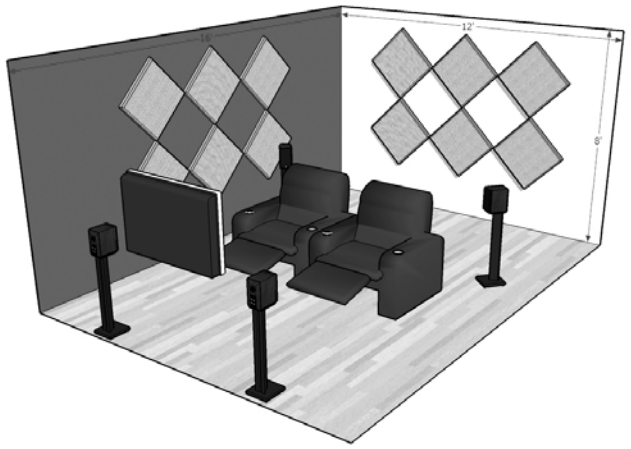
APPLICATION:



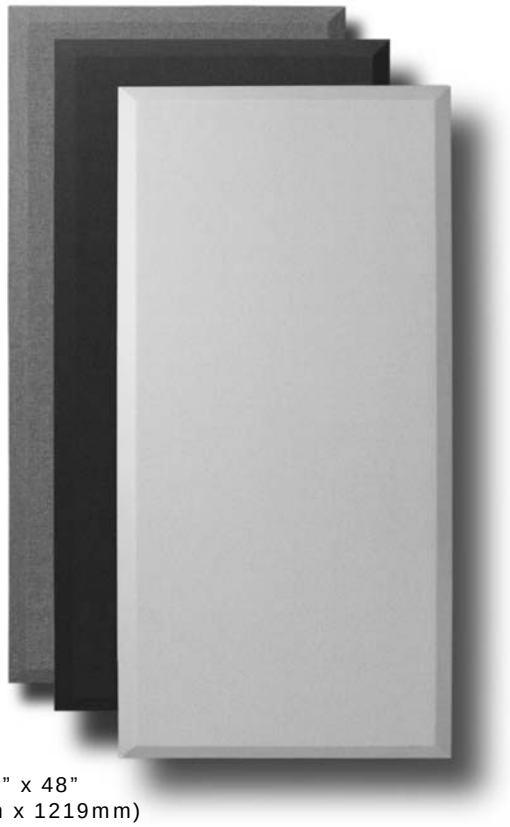
PRODUCT RANGE:

ORDER NO.	COLOR	DEPTH	EDGE	COVERAGE	BOX QTY.
F101-2424-00	Black	1" (25mm)	Square	48 sq/ft (4.46 sq/m)	12
F101-2424-03	Beige				
F101-2424-08	Grey				
F102-2424-00	Black	2" (51mm)	Square	48 sq/ft (4.46 sq/m)	12
F102-2424-03	Beige				
F102-2424-08	Grey				
F122-2424-00	Black	2" (51mm)	Beveled	48 sq/ft (4.46 sq/m)	12
F122-2424-03	Beige				
F122-2424-08	Grey				

BROADWAY™ BROADBAND™

Broadband™ panels present an attractive, easy to install acoustic treatment used when you want maximum control over primary reflections, flutter echo and standing waves. These full size 24” x 48” panels are particularly effective in larger installations and rooms where the reverberant field and echo is excessive. Broadband Absorbers can be butted-up for complete wall coverage and maximum absorption or spread in an array to leave a sense of air or natural ambiance.

The large panel design also lends itself to other installations: To control bass in studio and home theater, thicker 2” and 3“ Broadband Absorbers are combined with Corner or Offset Impalers to create an air cavity in behind the panel. For general office noise, thinner 1” panels are easily flush mounted on the wall surface using Surface impalers to attenuate the reverberant field. Broadway Broadband panels come in choice of 3 thicknesses and 3 colors: black, beige and gray and may be ordered with or without a beveled edge.



24” x 48”
(610mm x 1219mm)

SPECIFICATIONS:

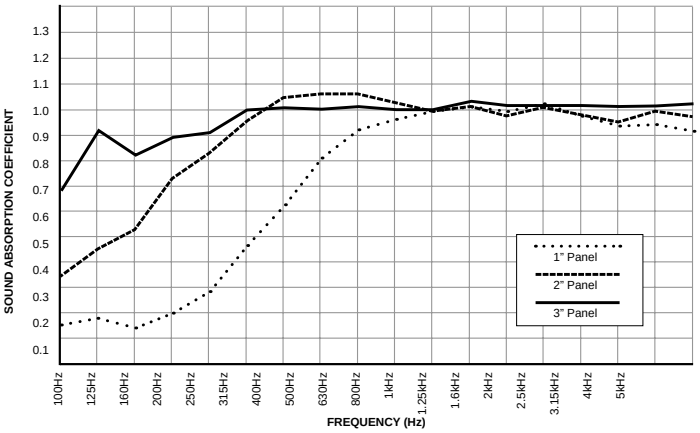
DIMENSIONS	24” x 48” (610mm x 1219mm)
PANEL DEPTH	1” (25mm), 2” (51mm), 3” (76mm)
CORE MATERIAL DENSITY	Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
BACKING	Sealed with acoustically transparent micro-mesh
EDGE TREATMENT	Sealed and hardened with resin
RECYCLED CONTENT	Up to 40%

ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1” Depth	0.17	0.28	0.81	1.00	1.02	0.95	0.80
2” Depth	0.45	0.83	1.07	1.00	1.01	1.00	1.00
3” Depth	0.92	0.91	1.00	1.00	1.02	1.03	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.



FIRE & BURN PERFORMANCE:**

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

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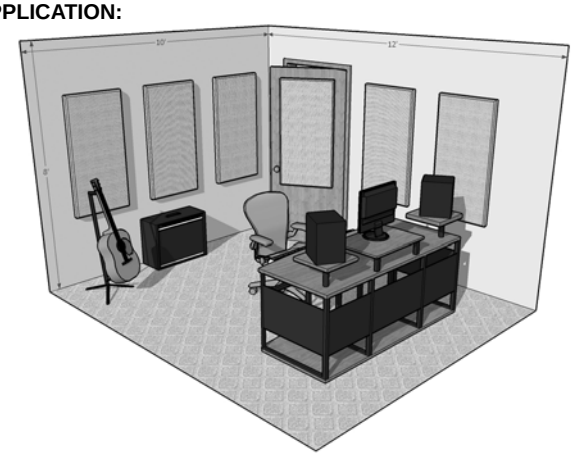
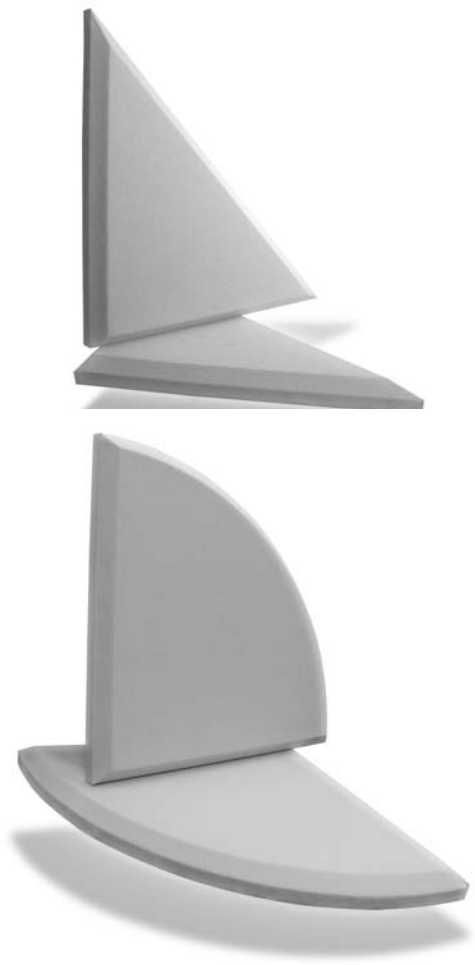
APPLICATION:



PRODUCT RANGE:

ORDER NO.	COLOR	DEPTH	EDGE	COVERAGE	BOX QTY.
F101-2448-00	Black	1” (25mm)	Square	48 sq/ft (4.46 sq/m)	6
F101-2448-03	Beige				
F101-2448-08	Grey				
F102-2448-00	Black	2” (51mm)	Square	48 sq/ft (4.46 sq/m)	6
F102-2448-03	Beige				
F102-2448-08	Grey				
F122-2448-00	Black	2” (51mm)	Beveled	48 sq/ft (4.46 sq/m)	6
F122-2448-03	Beige				
F122-2448-08	Grey				
F103-2448-00	Black	3” (76mm)	Square	32 sq/ft (2.97 sq/m)	4
F103-2448-03	Beige				
F103-2448-08	Grey				
F123-2448-00	Black	3” (76mm)	Beveled	32 sq/ft (2.97 sq/m)	4
F123-2448-03	Beige				
F123-2448-08	Grey				

BROADWAY™ ACCENT PANELS
ARK™ & APEX™



Broadway Accent panels are a range of acoustic panels that combine the high performance of Broadway with graceful curves, classic window profiles and avant-garde shapes sure to excite the most discriminating designer. The Ark is a 2" (51mm) thick, quarter circle panel that measures 24" (609mm) along the straight edges with a 38" (965mm) radius. The Apex is a right-angle triangle that measures 24" (609mm) x 24" (609mm) x 34" (864mm).

The beveled edge of both Accent series panels is designed to naturally mate with all of our standard 2" beveled Broadway panels to create distinctive designs and patterns that will flatter any wall surface. As with all Broadway panels, the Accent series are available in black, gray, or beige and are Class 1/A fire rated for safe installation in any space.

SPECIFICATIONS:

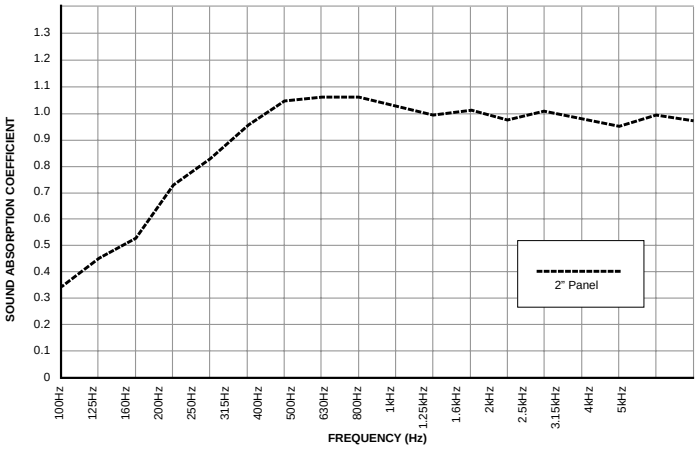
DIMENSIONS	Ark - 24" (610 mm) x 24" (610mm) x 48" (1219 mm) radius Apex - 24" (610 mm) x 24" (610mm) x 34" (863 mm) hypotenuse
PANEL DEPTH	2" (51mm)
CORE MATERIAL DENSITY	Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
BACKING	Sealed with acoustically transparent micro-mesh
EDGE TREATMENT	Sealed and hardened with resin
RECYCLED CONTENT	Up to 40%

ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
2" Depth	0.45	0.83	1.07	1.00	1.01	1.00	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.



FIRE & BURN PERFORMANCE:**

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

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APPLICATION:

PRODUCT RANGE:

ORDER NO.	STYLE	COLOR	DEPTH	EDGE	COVERAGE	BOX QTY.
F122-2415-08	Ark	Grey		Beveled		2
F122-2415-00	Ark	Black	2" (51mm)		2.5 sq/ft (.23 sq/m)	2
F122-2415-03	Ark	Beige				2
F122-2416-08	Apex	Grey		Beveled		2
F122-2416-00	Apex	Black	2" (51mm)		2 sq/ft (.18 sq/m)	2
F122-2416-03	Apex	Beige				2

LONDON 8™ ROOM KIT

The London 8™ room kit is designed for rooms under 100 sq ft (9.3 sq m), or can be combined with other products to treat larger spaces. Ideally suited for home theaters and studios, these easy to use kits are an affordable way to introduce acoustic treatment.

The London 8 contains select Broadway panels that tackle problems affecting any room such as primary reflections, flutter echo, and standing waves. In addition to acoustic panels, each London 8 room kit includes the corresponding mounting hardware and instructions for easy installation.

Broadway panels are made from high-density 6lb per cubic foot fiberglass, offering nearly five times greater absorption than typical low cost foam alternatives. This means that you get more absorption with fewer panels, while assuring an even absorption curve throughout the frequency range. The London 8 room kit is available in three colors: black, beige and gray. 12 panels included.

SPECIFICATIONS:

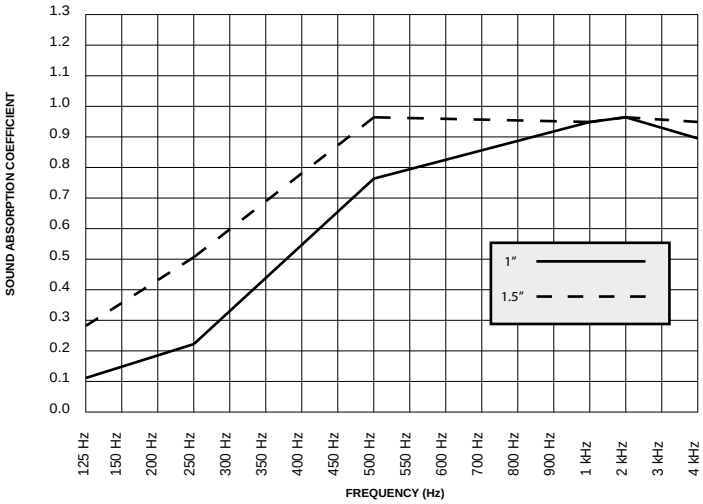
SURFACE COVERAGE	20 sq/ft (1.85 sq/m)
PANEL SIZES & QUANTITY	**Four** - 12" (305 mm) x 36" (914 mm) x 1-1/2" (38 mm) (beveled edge)
	Eight - 12" (305 mm) x 12" (305 mm) x 1" (25.4 mm) (square edge)
MOUNTING IMPALERS	**Sixteen** - Surface impaler clips
RECYCLED CONTENT	Up to 40%

ABSORPTION CHARACTERISTICS:

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz
1" Depth*	0.17	0.28	0.81	1.00	1.02	0.95
1.5" Depth**	0.31	0.56	1.01	1.00	1.01	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05. ** Typical performance based on quarter wavelength calculations.



FIRE & BURN PERFORMANCE:***

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

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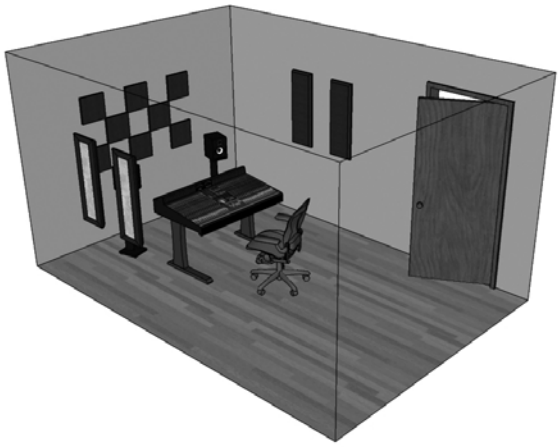
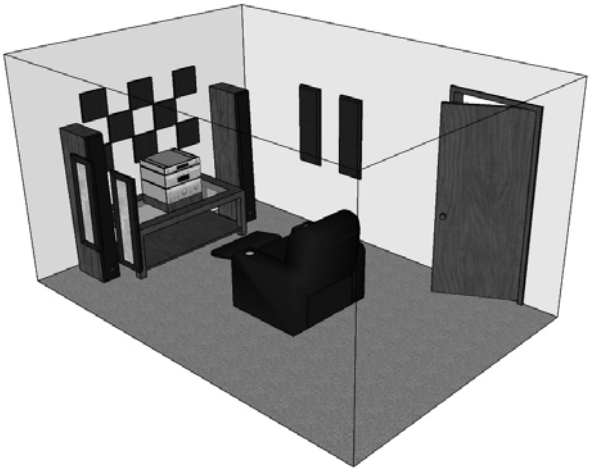
RECORDING STUDIO APPLICATION:



HOME THEATER APPLICATION:



LONDON 10™ ROOM KIT

The London 10™ room kit is designed for rooms up to approximately 100 sq ft (9.3 sq m), or can be combined with other products to treat larger spaces. Whether you are building a recording studio, home theater or boardroom, this easy to use kit is a perfect place to start.

The London 10 contains select Broadway panels that tackle problems affecting any room, such as primary reflections, flutter echo, and standing waves. In addition to acoustic panels, each London 10 room kit includes the corresponding mounting hardware and instructions for easy installation.

Broadway panels are made from high-density 6lb per cubic foot fiberglass, offering nearly five times greater absorption than typical low cost foam alternatives. This means that you get more absorption with fewer panels, while assuring an even absorption curve throughout the frequency range. The London 10 room kit is available in three colors: black, beige and gray. 20 panels included.

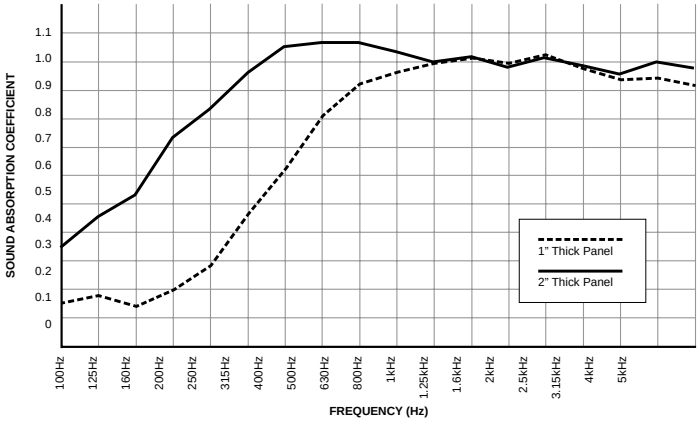
SPECIFICATIONS:

SURFACE COVERAGE	60 sq/ft (5.6 sq/m)
PANEL SIZES & QUANTITY	**Eight** - 12" (305 mm) x 48" (1219 mm) x 2" (50.8 mm) (beveled edge)
	Twelve - 12" (305 mm) x 12" (305 mm) x 1" (25.4 mm) (square edge)
MOUNTING IMPALERS	**Twenty Eight** - Surface impaler clips
RECYCLED CONTENT	Up to 40%

ABSORPTION CHARACTERISTICS:
Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1" Depth*	0.17	0.28	0.81	1.00	1.02	0.95	0.80
2" Depth*	0.45	0.83	1.07	1.00	1.01	1.00	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05. ** Typical performance based on quarter wavelength calculations.

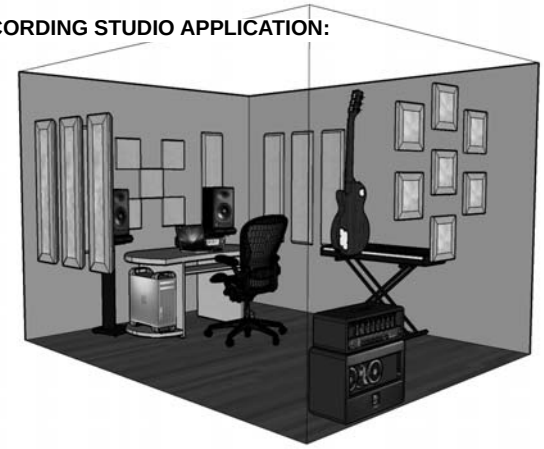


FIRE & BURN PERFORMANCE:***

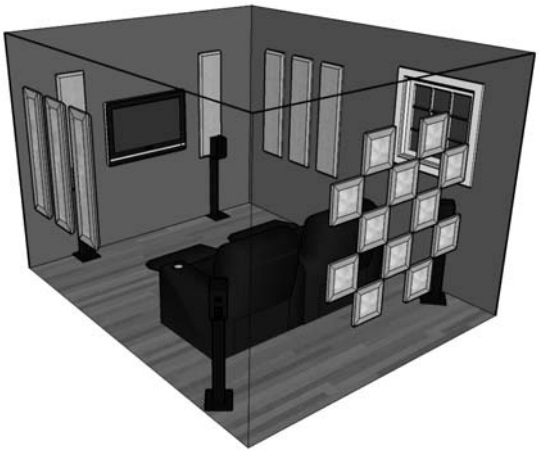
TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

*** This method, designated as ASTM E 84-05, "Standard Method of Test for Surface Burning Characteristics of Building Materials", is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies under actual fire condition.

RECORDING STUDIO APPLICATION:



HOME THEATER APPLICATION:



LONDON 12™ ROOM KIT

The London 12™ room kit is designed for rooms of approximately 120 sq ft (11 sq m), or can be combined with other products to treat larger spaces. Ideally suited for studio control rooms and home theaters, this easy to use kit is a single box acoustic treatment solution.

The London 12 contains Broadway panels that tackle problems that affect any room such as primary reflections, flutter echo, standing waves and excessive bass. In addition to acoustic panels, each London 12 room kit includes the corresponding mounting hardware and instructions for easy installation.

Broadway panels are made from high-density 6lb per cubic foot fiberglass, offering nearly five times greater absorption than typical low cost foam alternatives. This means that you get more absorption with fewer panels, while assuring an even absorption curve throughout the frequency range. The London 12 room kit is available in three colors: black, beige and gray. 22 panels included.

SPECIFICATIONS:

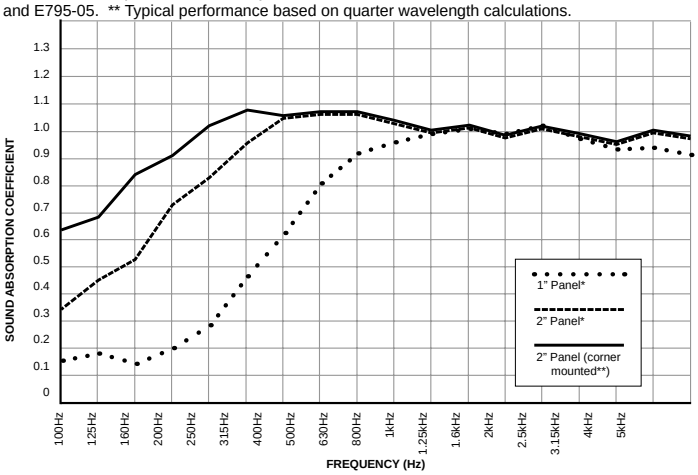
SURFACE COVERAGE	60 sq/ft (5.6 sq/m)
PANEL SIZES & QUANTITY	**Two** - 24" (610 mm) x 48" (1219 mm) x 2" (50.8 mm) (square edge)
	Eight - 12" (305 mm) x 48" (1219 mm) x 2" (50.8 mm) (beveled edge)
	Twelve - 12" (305mm) x 12" (305 mm) x 1" (25.4 mm) (square edge)
MOUNTING IMPALERS	**Twenty eight** - Surface impaler clips; **Eight** - Corner impaler clips
RECYCLED CONTENT	Up to 40%

ABSORPTION CHARACTERISTICS:

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1" Depth*	0.17	0.28	0.81	1.00	1.02	0.95	0.80
2" Depth*	0.45	0.83	1.07	1.00	1.01	1.00	1.00
2" Depth (corner mounted**)	0.68	1.2	1.07	1.00	1.01	1.00	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05. ** Typical performance based on quarter wavelength calculations.

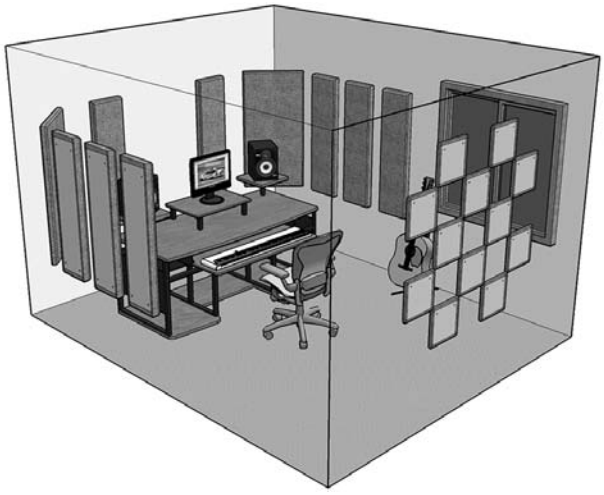


FIRE & BURN PERFORMANCE:***

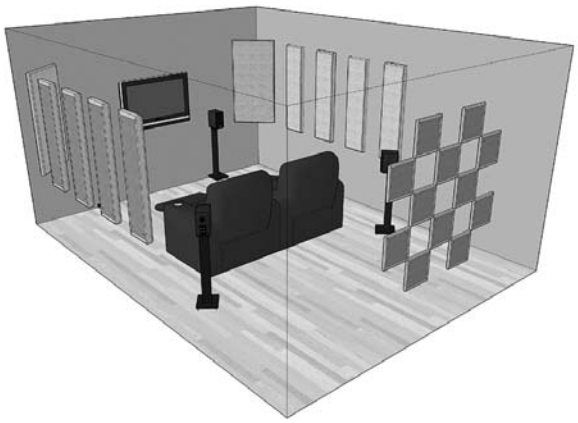
TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

*** This method, designated as ASTM E 84-05, "Standard Method of Test for Surface Burning Characteristics of Building Materials", is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies under actual fire condition.

RECORDING STUDIO APPLICATION:



HOME THEATER APPLICATION:



LONDON 16™ ROOM KIT

The London 16™ room kit is designed for rooms 150 sq ft (14 sq m) and above, for smaller rooms where maximum absorption and accuracy are required or to provide lighter treatment in larger spaces. Ideally suited for studio control rooms, tracking rooms, or large home theaters, this kit provides everything needed for a complete acoustic treatment package.

The London 16 contains Broadway panels that tackle problems that affect any room, such as primary reflections, flutter echo, standing waves and excessive bass. In addition to acoustic panels, each London 16 room kit includes the corresponding mounting hardware and instructions for easy installation.

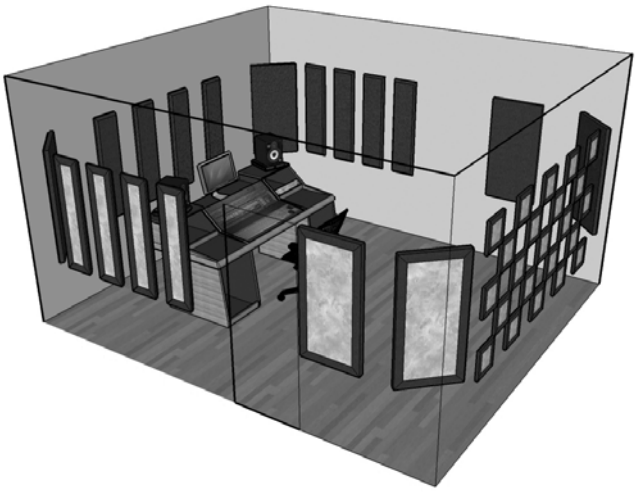
Broadway panels are made from high-density 6lb per cubic foot fiberglass, offering nearly five times greater absorption than typical low cost foam alternatives. This means that you get more absorption with fewer panels, while assuring an even absorption curve throughout the frequency range. The London 16 room kit is available in three colors: black, beige and gray. 42 panels included.

42 INDIVIDUAL PANELS:

SPECIFICATIONS:

SURFACE COVERAGE	120 sq/ft (11.2 sq/m)
PANEL SIZ ES & QUANTITY	**Six** - 24" (610 mm) x 48" (1219 mm) x 2" (50.8 mm) (square edge)
	Twelve - 12" (305 mm) x 48" (610 mm) x 2" (50.8 mm) (beveled edge)
	Twenty-Four - 12" (305 mm) x 12" (305 mm) x 1" (25.4 mm) (square edge)
MOUNTING IMPALERS	**Fifty-Six** - Surface impaler clips; **Sixteen** - Corner impaler clips
RECYCLED CONTENT	Up to 40%

RECORDING STUDIO APPLICATION:

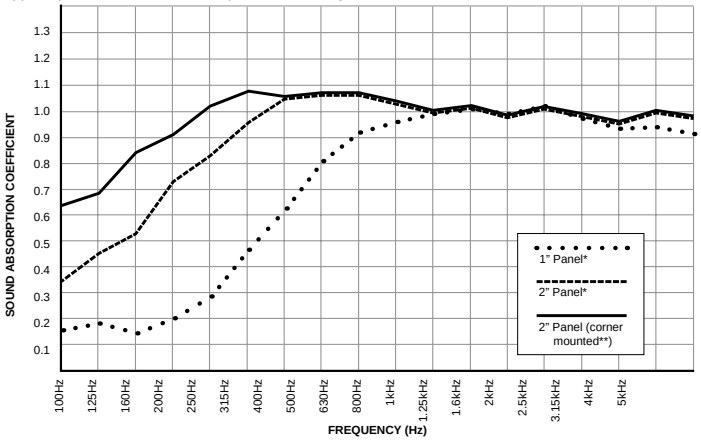


ABSORPTION CHARACTERISTICS:

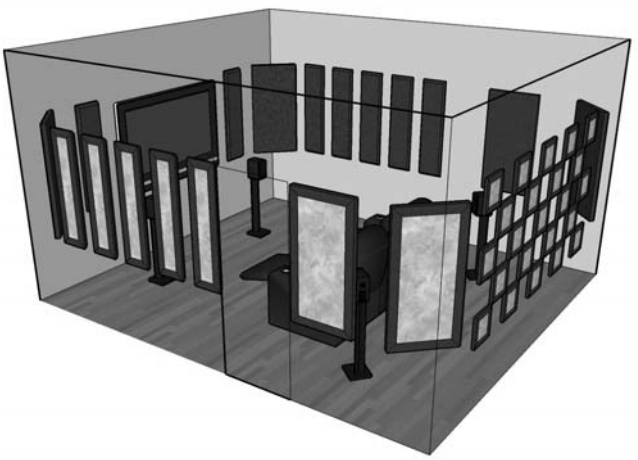
Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1" Depth*	0.17	0.28	0.81	1.00	1.02	0.95	0.80
2" Depth*	0.45	0.83	1.07	1.00	1.01	1.00	1.00
2" Depth (corner mounted**)	0.68	1.2	1.07	1.00	1.01	1.00	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05. ** Typical performance based on quarter wavelength calculations.



HOME THEATER APPLICATION:



FIRE & BURN PERFORMANCE:***

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

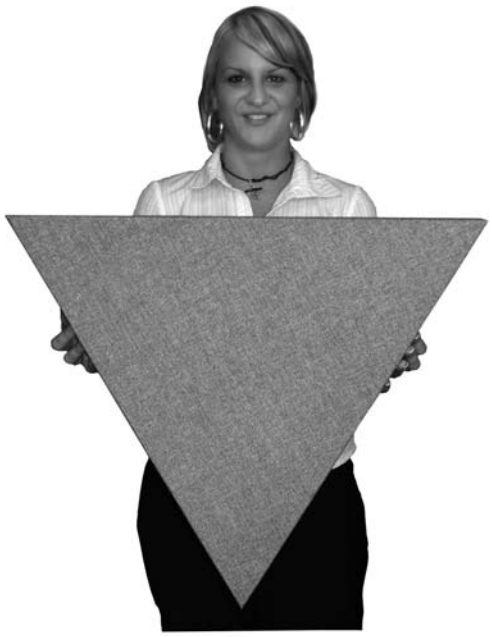
*** This method, designated as ASTM E 84-05, "Standard Method of Test for Surface Burning Characteristics of Building Materials", is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies under actual fire condition.

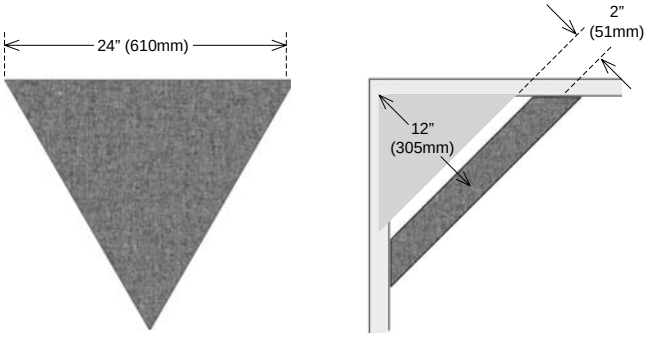
CUMULUS™

The Cumulus™ is a triangular broadband acoustic corner trap that effectively absorbs sound energy from 100Hz and up. Designed to fit in corners where the wall and ceiling meet, the Cumulus takes advantage of the natural propagation of sound that occurs in all rooms. Sound waves follow the wall and ceiling planes and accumulate in the corners, a well known hot spot in small rooms.

The Cumulus is amazingly compact yet, when in place, creates a 12" deep cavity behind the panel that increases the bass absorption characteristics. Mounting Cumulus traps in a room will generally yield a significant reduction in the problematic low-mid (100Hz - 200Hz) region while leaving the architectural design of the room virtually intact.

Invisible mounting is achieved using spring-tensioned cleats and a single eye-screw. Mounting literally takes minutes and because of the reverse beveled edges Cumulus traps flush mount seamlessly into the room esthetics. Sold in pairs.





SPECIFICATIONS:

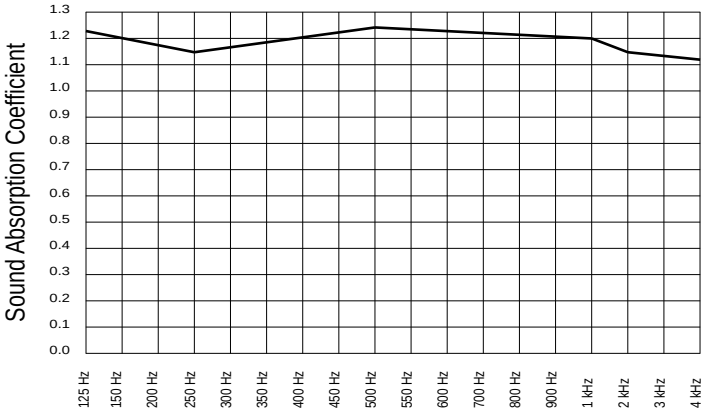
DIMENSIONS	24" x 24" x 24" (610mm x 610mm x 610mm)
PANEL DEPTH	2" (51mm)
CORE MATERIAL DENSITY	Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
BACKING	Sealed with acoustically transparent micro-mesh
EDGE TREATMENT	Reverse bevel edge. Sealed and hardened with resin
RECYCLED CONTENT	Up to 40%

ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz
2" Depth	1.23	1.15	1.24	1.2	1.14	1.11

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.



FIRE & BURN PERFORMANCE:**

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

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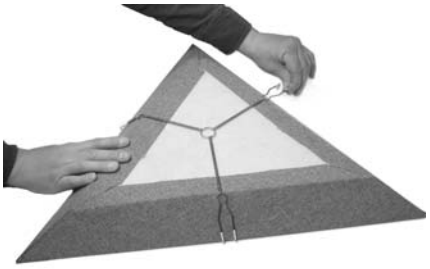
APPLICATION:

MOUNTING:

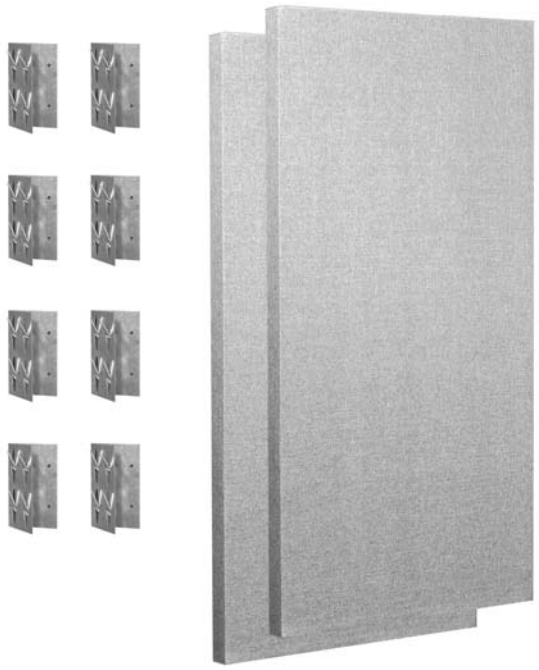
Mounting is accomplished with spring tensioned cleats and a single eye-scew.



LONDON BASS TRAP KIT™

The London Bass Trap™ kit consists of two 24" x 48" corner panels that effectively absorb sound energy from 75Hz and up. Designed to be corner mounted at ear-height, or stacked floor to ceiling, the kit provides substantial surface area for broadband absorption with effective coverage down into the low bass region.

The London Bass Trap kit is constructed from fabric wrapped, high-density glass wool Broadway panels. When installed in the room corner with the included hardware a 17" deep air space is formed behind the panel. This air space provides significant absorption in the problematic low-mid (100Hz – 200Hz) region while seamlessly integrating with other Broadway panel installations. Mounting is achieved using the included Primacoustic Corner Impalers. The Primacoustic London Bass Trap kit is available in 3 colors: black, beige and gray. Sold in pairs.



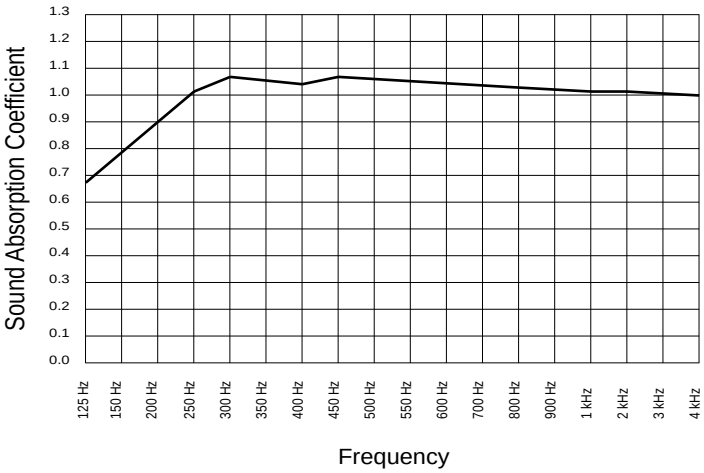
SPECIFICATIONS:

DIMENSIONS	24" x 48" (610mm x 1219mm)
PANEL DEPTH	2" (51mm)
CORE MATERIAL DENSITY	Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
BACKING	Sealed with acoustically transparent micro-mesh
EDGE TREATMENT	Sealed and hardened with resin
RECYCLED CONTENT	Up to 40%

ABSORPTION CHARACTERISTICS:*
Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz
2" Depth	0.68	1.2	1.07	1.00	1.01	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.



FIRE & BURN PERFORMANCE:**

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

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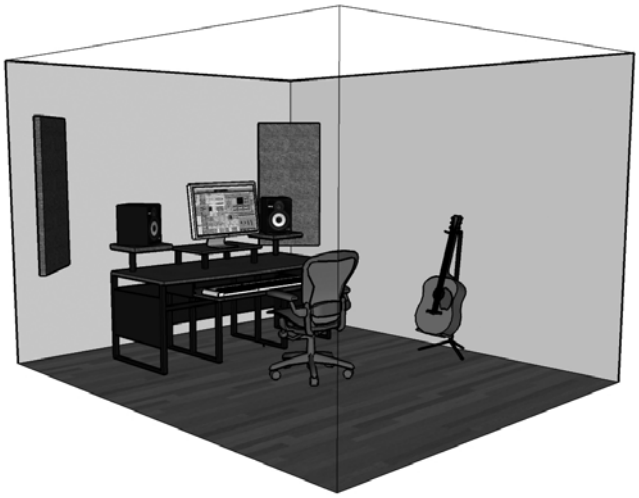
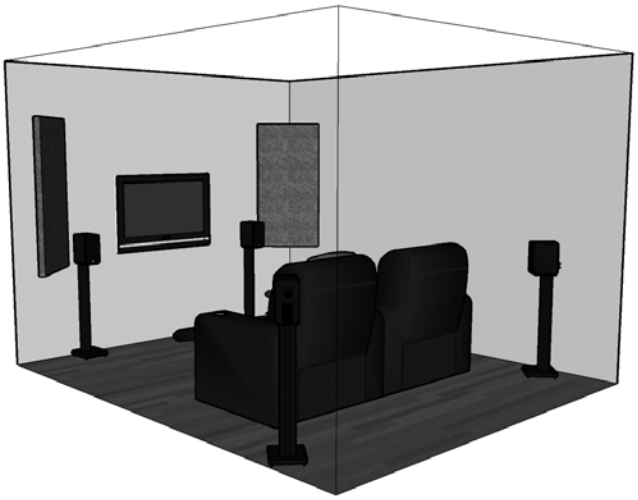
Centaurus in the Studio:



Centaurus in the Home:

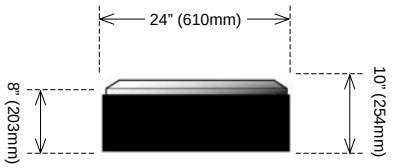


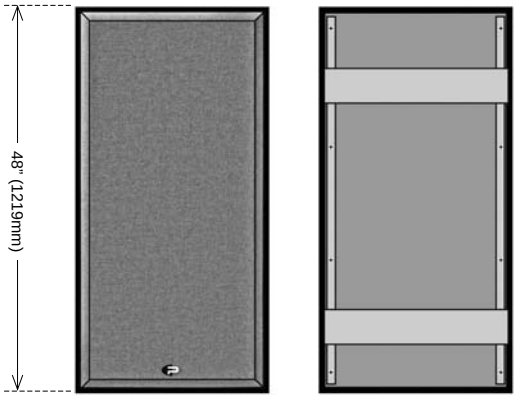
FULLTRAP™

The FullTrap™ is a combination broadband absorber and bass trap that is mounted on a wall surface to control excessive bass in a room. This is achieved by combining three acoustical principles into a single device.

To handle mid-range and upper frequencies, a 3" thick front absorptive panel made from 6 lbs. per cubic foot high-density encapsulated fiberglass is employed. Behind the acoustic panel is a diaphragmatic dense-mass membrane that acts as a low frequency resonator to absorb bass below 75Hz. Behind the membrane is an air cavity that is created by the wood composite enclosure which serves to further attenuate bass in the troublesome 100Hz region.

The FullTrap enclosure is made from MDF wood composite with a black, easy to clean melamine finish and ships flat to reduce freight. Final assembly is performed on site using a simple household screwdriver. Building a FullTrap takes about 15 minutes from start to finish! The Fulltrap is available in a choice of three panel colors: black, beige and gray.





Front Rear

SPECIFICATIONS:

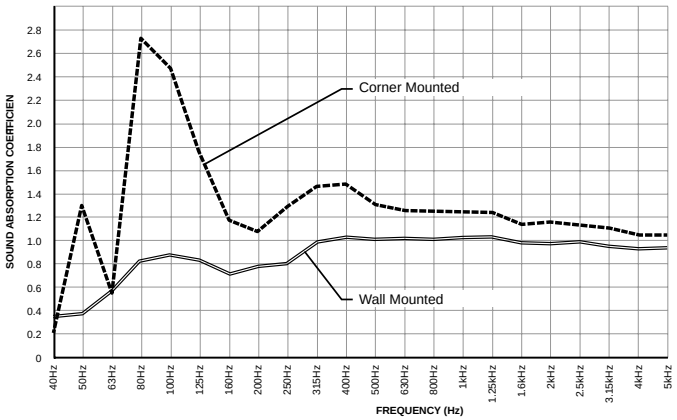
FRAME MATERIAL	Black melamine laminated MDF
DIMENSIONS	24" (610mm) x 48" (1219mm) x 8" (203mm)
PANEL MATERIAL	Formed, semirigid inorganic glass fibers; Density 6.0 lbs. pcf. (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
DIAPHRAGMATIC MEMBRANE	Loaded vinyl, 1 lbs. per square foot
ORDER NUMBER	Z840-1100-xx (xx denotes color code 00=Black; 03= Beige; 08=Grey)
RECYCLED CONTENT	Over 50%

CORNER MOUNTING ABSORPTION CHARACTERISTICS*:
Sound absorption coefficient data

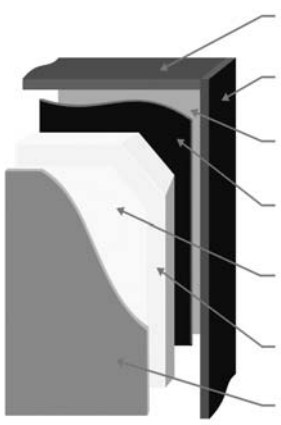
40Hz	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	5kHz
.20	.57	1.76	1.27	1.33	1.23	1.19	1.13	1.13

WALL MOUNTING ABSORPTION CHARACTERISTICS*:
Sound absorption coefficient data

40Hz	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	5kHz
.37	.59	.83	.80	1.00	1.02	.98	.94	.95



Due to the broadband nature of the diaphragmatic limp mass used in both the MaxTrap and FullTrap, the device will naturally vibrate at the room's resonant frequency. This will result in greater effectiveness at the peak frequency, in particular when corner mounted. This is clearly demonstrated in the Corner Placement Test where the resonant frequency in the laboratory is 80Hz. For reference, the standard Sound Absorption Coefficient wall-mount test was also performed. Although limited in scope, it provides typical data down to 100Hz and expected performance at lower frequencies as calculated by the laboratory. It should be noted that bass absorption tests are difficult to produce due to the extremely long wavelengths of lower frequencies and available room size. The tests as described above are as a result of our working with Riverbank Laboratories to deliver the most accurate findings possible given the limitations of the facility and practical mounting methods.



High density wood fiber composite construction provides rigid structure of outer frame.

Black melamine finish provides a tough durable coat that is easy to clean and looks great!

Deep 8" cavity assists in trapping bass and controls lower mid range frequencies and standing waves.

Diaphragmatic membrane vibrates to absorb lower bass frequencies without resonating.

High density fiberglass panel absorbs high frequencies and helps eliminate flutter echo.

Resin treated edges work with the micro-mesh to fully contain glass fibers from escaping.

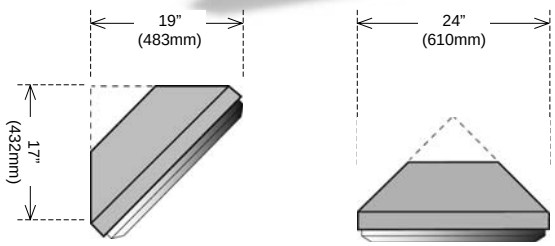
Acoustically transparent fabric covering presents a professional architecturally attractive look.

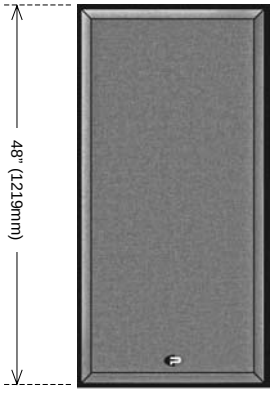
MAXTRAP™

Primacoustic MaxTrap is a combination broadband absorber and bass trap that is corner-mounted to control excessive bass in a room. This is achieved by combining three acoustical principles into a single device.

To handle mid-range and upper frequencies, a 3" thick front absorptive panel made from 6 lbs. per cubic foot high-density encapsulated fiberglass is employed. Behind the acoustic panel is a stretched diaphragmatic dense-mass membrane that acts as a low frequency resonator to absorb bass below 75Hz. Behind the membrane is an air cavity that is created by the wood composite enclosure which serves to further attenuate bass in the troublesome 100Hz region.

The MaxTrap enclosure is made from MDF wood composite with a black, easy to clean melamine finish and ships flat to reduce freight. Final assembly is performed on site using a simple household screwdriver and building a MaxTrap takes about 15 minutes from start to finish! The Maxtrap is available in a choice of three panel colors: black, beige and gray.





SPECIFICATIONS:

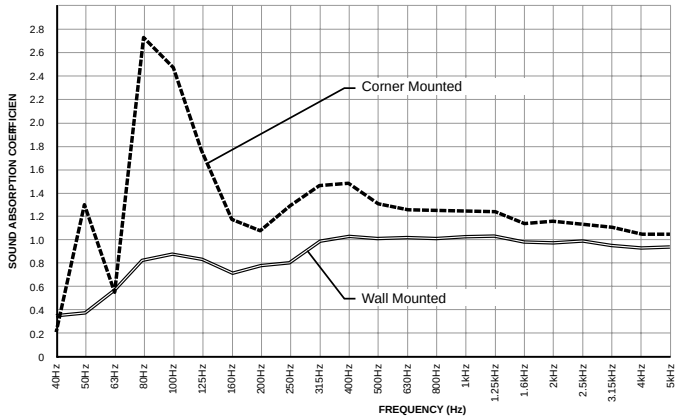
FRAME MATERIAL	Black melamine laminated MDF
DIMENSIONS	24" (610mm) x 48" (1219mm) x 19" (See detail dimensions)
PANEL MATERIAL	Formed, semirigid inorganic glass fibers; Density 6.0 lbs. pcf. (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
DIAPHRAGMATIC MEMBRANE	Loaded vinyl, 1 lbs. per square foot
ORDER NUMBER	Z840-1110-xx (xx denotes color code 00=Black; 03= Beige; 08=Grey)
RECYCLED CONTENT	Over 50%

CORNER MOUNTING ABSORPTION CHARACTERISTICS*:
Sound absorption coefficient data

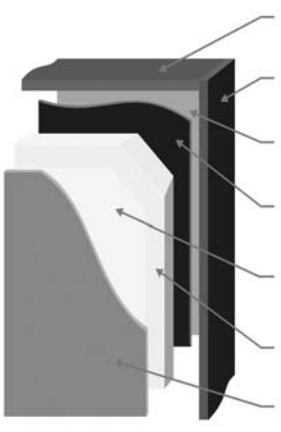
40Hz	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	5kHz
.20	.57	1.76	1.27	1.33	1.23	1.19	1.13	1.13

WALL MOUNTING ABSORPTION CHARACTERISTICS*:
Sound absorption coefficient data

40Hz	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	5kHz
.37	.59	.83	.80	1.00	1.02	.98	.94	.95



Due to the broadband nature of the diaphragmatic limp mass used in both the MaxTrap and FullTrap, the device will naturally vibrate at the room's resonant frequency. This will result in greater effectiveness at the peak frequency, in particular when corner mounted. This is clearly demonstrated in the Corner Placement Test where the resonant frequency in the laboratory is 80Hz. For reference, the standard Sound Absorption Coefficient wall-mount test was also performed. Although limited in scope, it provides typical data down to 100Hz and expected performance at lower frequencies as calculated by the laboratory. It should be noted that bass absorption tests are difficult to produce due to the extremely long wavelengths of lower frequencies and available room size. The tests as described above are as a result of our working with Riverbank Laboratories to deliver the most accurate findings possible given the limitations of the facility and practical mounting methods.



High density wood fiber composite construction provides rigid structure of outer frame.

Black melamine finish provides a tough durable coat that is easy to clean and looks great!

Deep cavity assists in trapping bass and controls lower mid range frequencies and standing waves.

Diaphragmatic membrane vibrates to absorb lower bass frequencies without resonating.

High density fiberglass panel absorbs high frequencies and helps eliminate flutter echo.

Resin treated edges work with the micro-mesh to fully contain glass fibers from escaping.

Acoustically transparent fabric covering presents a professional architecturally attractive look.

NIMBUS™

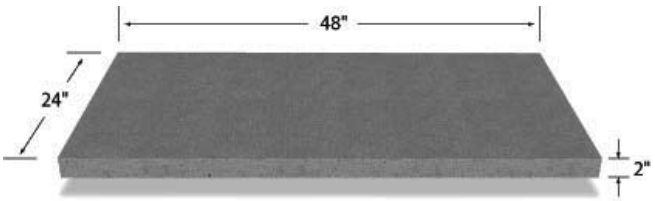
The Nimbus™ is an easy to use 24” x 48” x 2” acoustic cloud kit designed to attenuate ambient noise and control low, mid and high frequency reflections. The Nimbus is generally placed above an area where a reduction in sound level is desired such as restaurant tables, library reading zones or boardrooms.

When installed the Nimbus delivers greater intimacy and improved intelligibility in any space. Each Nimbus kit includes a fabric covered Broadway panel, hanging wire, four cloud anchors and all hardware required to attach to a ceiling. The Nimbus is available in a choice of three colors: black, beige and gray.

Photo shows typical Nimbus Cloud Kit Mounting.

SPECIFICATIONS:

DIMENSIONS	24” x 48” (610mm x 1219mm)
PANEL DEPTH	2” (51mm)
CORE MATERIAL DENSITY	Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
BACKING	Sealed with acoustically transparent micro-mesh
EDGE TREATMENT	Sealed and hardened with resin
RECYCLED CONTENT	Up to 40%



KIT COMPONENTS:
- 24 x 48 Broadway panel
- Cloud Anchors
- Drywall/Masonry Anchors
- Eye-hooks
- Tie wire

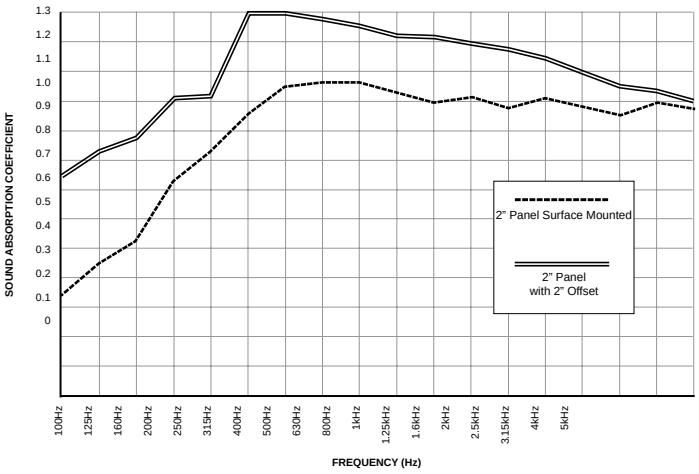
ABSORPTION CHARACTERISTICS**:

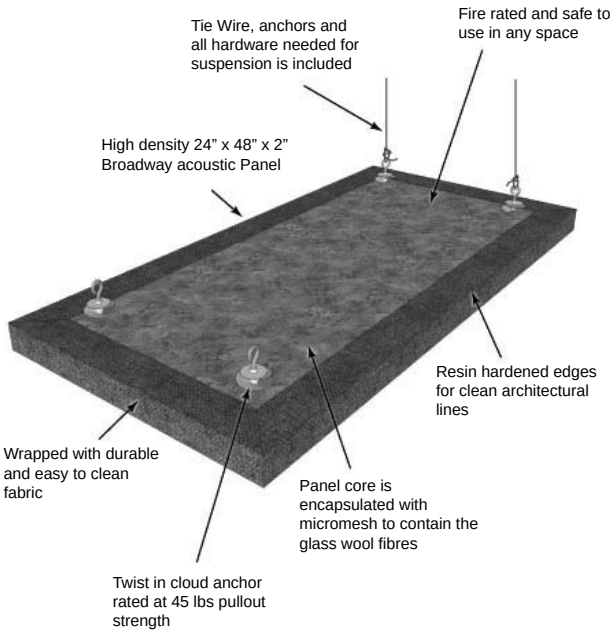
Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
2” Depth*	0.45	0.83	1.07	1.00	1.01	1.00	1.00
2” Offset 2” ***	.051	.90	1.17	1.12	1.12	1.08	1.10

** Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05. ***Offset mounted to create an air space between the panel and ceiling.

MOUNTING:
All suspension hardware is included. Hanging is achieved with four cloud anchors, ceiling anchors, eye-hooks and 42” tie wire. We recommend the Nimbus be mounted with a four point dead-hang. Extra eyelets can be used for anti-sway or safety lines.





FIRE & BURN PERFORMANCE:**

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

** This method, designated as ASTM E 84-05, “Standard Method of Test for Surface Burning Characteristics of Building Materials”, is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies under actual fire condition.

STRATUS™

The Stratus™ is a precision crafted 24" x 48" x 2" acoustic cloud that is positioned above the listening area to eliminate ceiling to floor standing waves, early reflections and flutter echo. When installed, the Stratus delivers greater intimacy, a larger sweet spot and better stereo imaging.

The modular design comes complete with aluminum side rails that create a high-tech finished look, and allow several Stratus kits to be connected to form a large, continuous cloud. The Stratus is available in a choice of three colors: black, beige and gray with a natural aluminum frame.

SPECIFICATIONS:

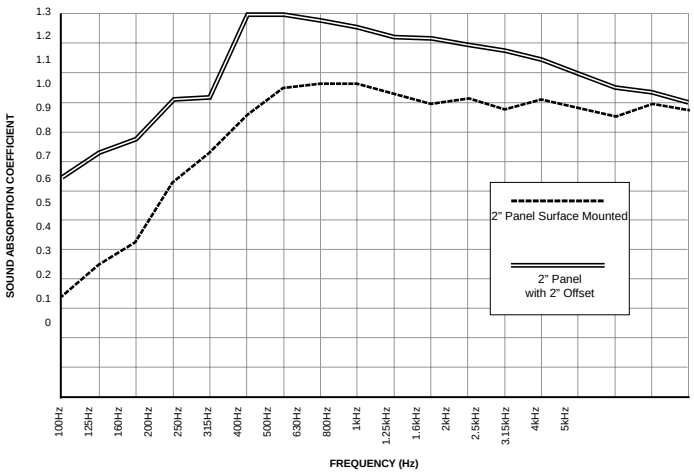
FRAME MATERIAL	Formed 16 gauge aluminium
DIMENSIONS	24" x 48" (610mm x 1219mm)
PANEL DEPTH	2" (51mm)
CORE MATERIAL DENSITY	Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
BACKING	Sealed with acoustically transparent micro-mesh
EDGE TREATMENT	Sealed and hardened with resin
RECYCLED CONTENT	Up to 40%

ABSORPTION CHARACTERISTICS**:

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
2" Depth*	0.45	0.83	1.07	1.00	1.01	1.00	1.00
2" Offset 2" ***	.051	.90	1.17	1.12	1.12	1.08	1.10

** Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05. ***Offset mounted to create an air space between the panel and ceiling.

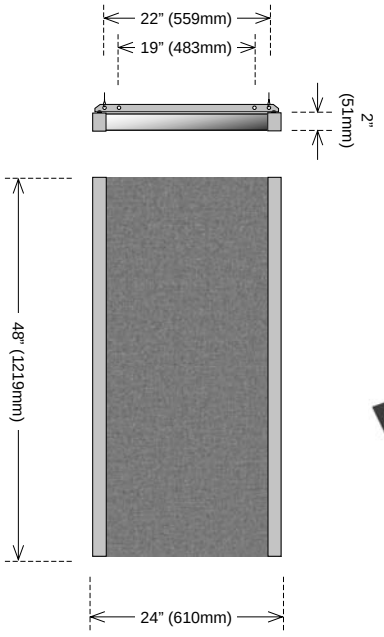


FIRE & BURN PERFORMANCE:**

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

** This method, designated as ASTM E 84-05, "Standard Method of Test for Surface Burning Characteristics of Building Materials", is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies under actual fire condition.

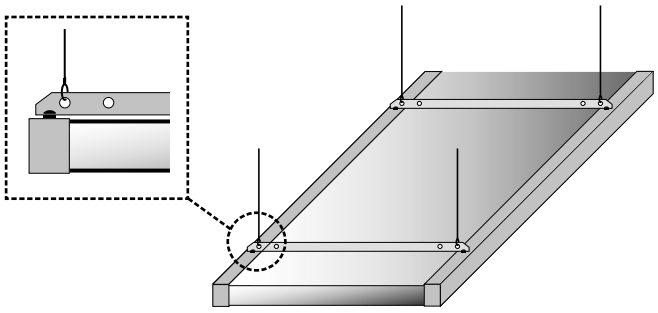
Photo shows three Stratus Cloud Kits above mixing console.



KIT COMPONENTS:
- 24 x 48 Broadway panel
- Two aluminum side clamps
- Two cross bars
- Assembly screws
- Bracket to link units together
- 42" Tie wire
- Drywall/Masonry Anchors
- Eye-hooks

MOUNTING:

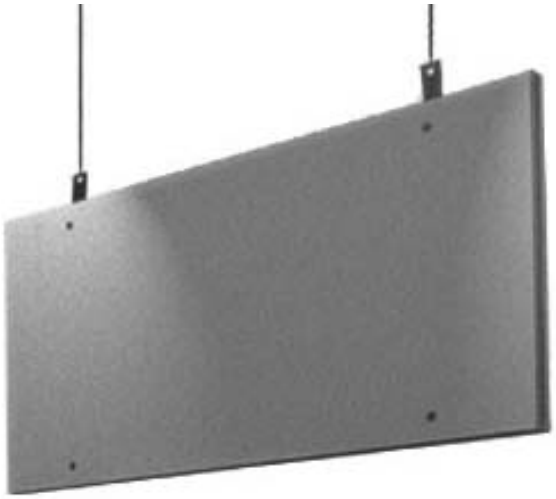
All suspension hardware is included. Hanging is achieved with four eyelets in the cross bar members, ceiling anchors, eye-hooks and 42" tie wire. We recommend the Stratus be mounted with a four point dead-hang. Extra eyelets can be used for anti-sway or safety lines.



SATURNA™

The Saturna™ is a high performance acoustic baffle designed to be suspended vertically from tall ceilings. Particularly effective in large open spaces where traditional wall mounted acoustic panels do not provide enough absorption, the Saturna is perfect for demanding installations where sound control and attractive appearance are important.

The Saturna is made from high-density 6lb per cubic foot glass wool offering superior absorption to low cost pvc or fabric alternatives. Each panel is hand wrapped in an aesthetically pleasing, acoustically transparent fabric that is both attractive and easy to clean. The Saturna comes complete with with fire rated polyester straps and grommets making it ready to install right out of the box. The Saturna is available in three colors: black, beige and gray



SPECIFICATIONS:

ORDER NUMBER	Z840-1215-(color code)
COLOR CODE	Black=00, Beige=03, Grey=08
DIMENSIONS	24" x 48" (610mm x 1219mm)
THICKNESS	2" (51mm)
CORE MATERIAL	Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester tweed
MOUNTING	Fire rated polyester web straps with brass grommets
RECYCLED CONTENT	Up to 40 %

INDUSTRIAL PLANT

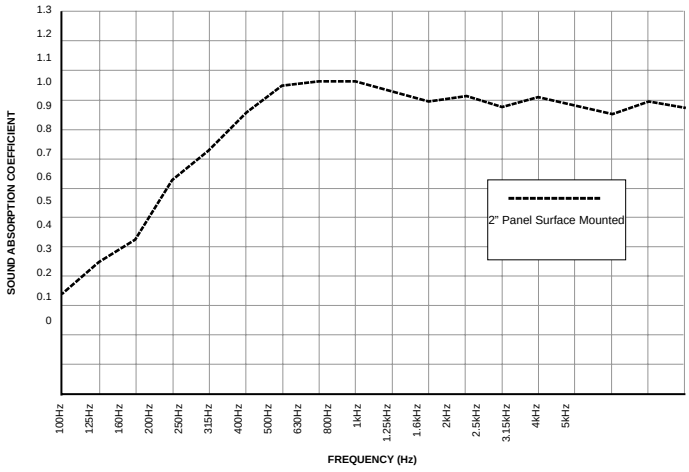
CONVENTION CENTRE:

ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz
2" Depth	0.45	.083	1.07	1.00	1.01	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.



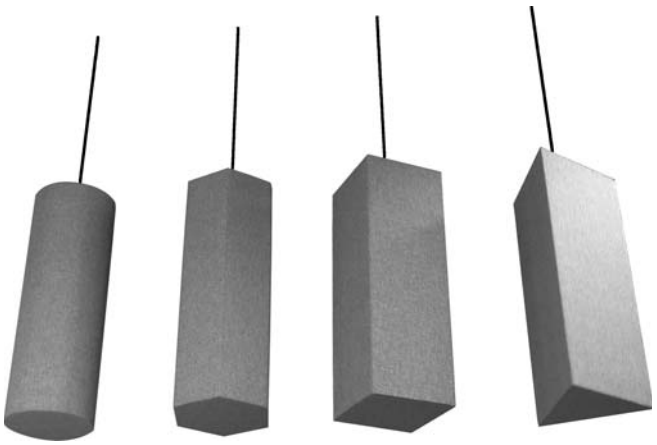
The integrated straps with brass grommets make hanging the Saturna easy. They work with wire cable or chain.

FIRE & BURN PERFORMANCE:

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05*	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

*This method, designated as ASTM E 84-05, "Standard Method of Test for Surface Burning Characteristics of Building Materials", is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies under actual fire condition.

ACOUSTIC LANTERNS

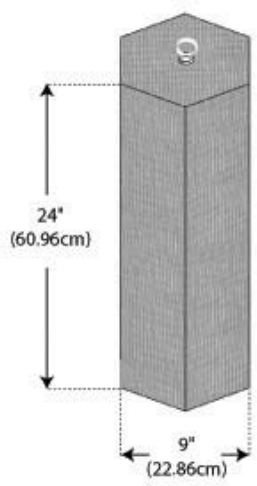


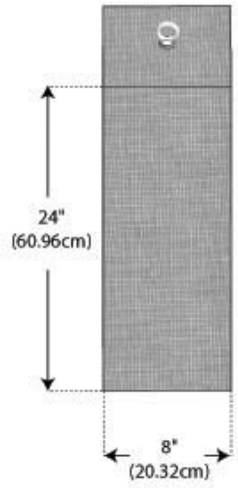
The Acoustic Lantern is an innovative hanging absorber that combines the benefits of a suspended baffle with a design element that is reminiscent of popular lanterns used around the globe. Particularly effective in large open spaces where traditional wall mounted acoustic panels do not provide enough absorption. The Lanterns are perfect for demanding locations where blending the acoustics into the existing décor is of upmost importance.

Available in a choice of four styles, each Lantern is made from high-density 6lb per cubic foot glass wool for maximum absorption. Each Lantern is 24" (610mm) tall and averages 8" (203mm) in diameter. Installation is accomplished using a standard T-bar ceiling tie wire, cable or chain. Four individual units are included in each box and are available in three fabric colors: black, beige and gray.

SPECIFICATIONS:

ORDER NUMBER	Dragon P220-0100-XX; Shoji P220-0105-XX Tiki: P220-110-XX; Fiesta P220-0115-XX
COLOR CODE	Black = 00, Beige = 03, Grey = 08
DIMENSIONS	24" (610 mm) x 10" (254 mm) to 24" (610 mm) x 8" (203 mm)
CORE MATERIAL	Formed, semirigid inorganic glass fibers
DENSITY	6 lbs cubic ft (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester tweed
MOUNTING	Open ended eye hook
RECYCLED CONTENT	Up to 40%



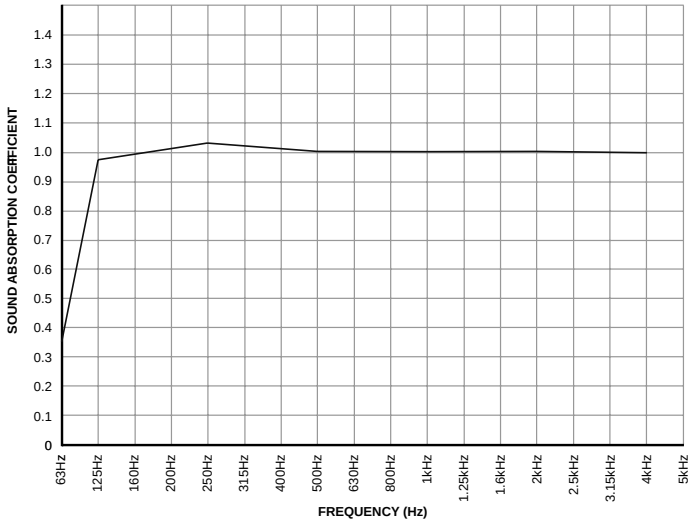


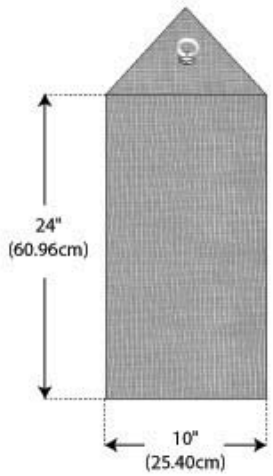
ABSORPTION CHARACTERISTICS:*

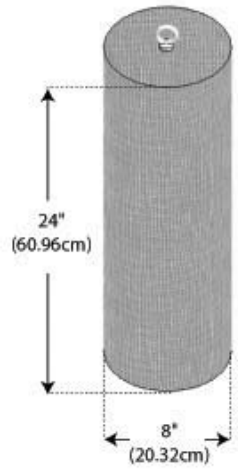
Sound absorption coefficient data

LANTERN THICKNESS	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz
8" Depth	0.35	.98	1.05	1.02	1.0	1.02	1.01

*Theoretical absorption based on Broadway panel test results and 1/4 wavelength calculation.







FIRE & BURN PERFORMANCE:

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05*	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

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STRATOTILE™

StratoTile™ ceiling panels offer the same absorption characteristics of Broadway panels in standard drop ceiling tile sizes and finishes. Ideal for use in boardrooms, offices, schools and commercial spaces, StratoTiles are a perfect choice when standard wall mounted absorption panels may not be an option.

Constructed from 6lb per cubic foot rigid fiberglass, StratoTiles are fully encapsulated with a micro-mesh then covered in a bright white fiberglass facing to blend with typical drop-ceiling applications. StratoTiles have been tested to meet stringent Class-1 fire ratings, making them suitable for use in all residential and commercial spaces. Panels are available in two standard drop-in ceiling tile sizes, in both trim and reveal edge treatments for 15/16" (24mm) ceiling grids.

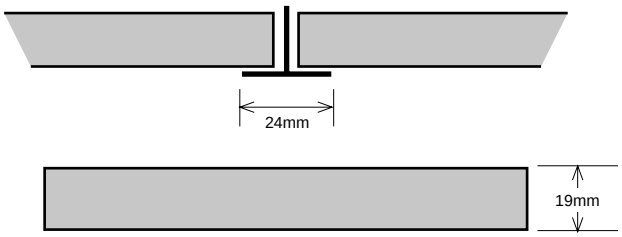
SPECIFICATIONS:

CORE MATERIAL	Formed, semirigid inorganic glass fibers
FACING	Fiberglass tissue micro mesh sealed with water based latex paint
COLOR	Absolute White
GRID SPACING	15/16", T24 (24mm grid)
GRID SIZES	2' x 2' and 4' x 2'
NOISE RED UCTION COEFFICIENT	1.00
CEILING ATTENTUATION CLASS	38
LIGHT REFLECTANCE	0.84
FLAME SPREAD	Class 1 or A (ASTM E 84 & Can/UL-S102)
RECYCLED CONTENT	Up to 40%

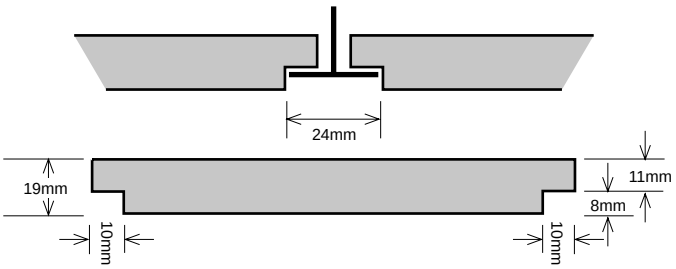
DIMENSIONS:

ORDER NO.	DESCRIPTION	HEIGHT	WIDTH	DEPTH	EDGE	BOX QTY.
P210-2424-00	2' x 2' Trim	23.75" (603mm)	23.75" (603mm)	0.75" (19mm)	Trim	12
P211-2424-00	2' x 2' Reveal				Reveal	12
P210-2448-00	4' x 2' Trim	47.75" (1213mm)	23.75" (603mm)	0.75" (19mm)	Trim	6
P211-2448-00	4' x 2' Reveal				Reveal	6

Trim edge treatment.



Reveal edge treatment.

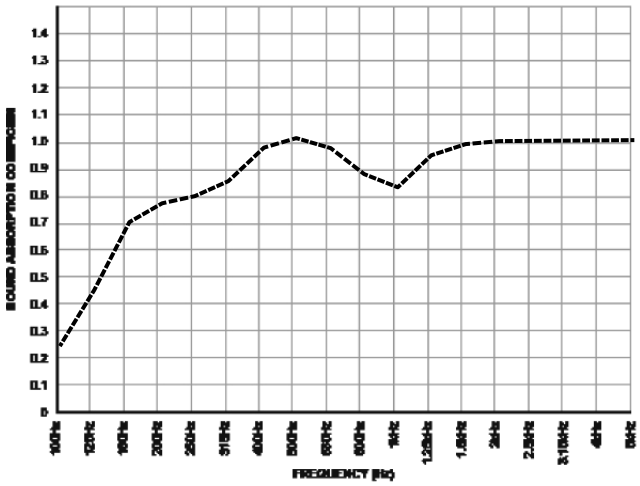


ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
3/4" Depth	0.45	0.80	1.00	0.90	1.00	1.00	1.00

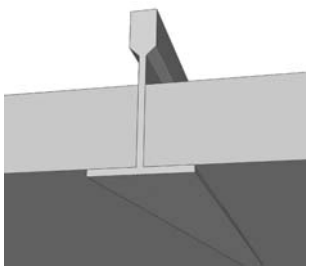
** Testing performed by Muller - BBM. The test method conformed explicitly with the requirements of the ISO 354 measurment of sound absorption in a reverberation room and ISO 11654.



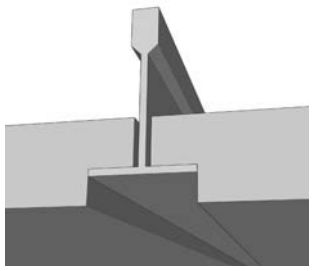
FIRE & BURN PERFORMANCE:

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05*	1 OR A	5 FSI	15 SD
CAN/UL-S102	1 OR A	2 FSC1	10 SD
BS 476 Parts 6 & 7	1 OR A		

*Standard test methods for surface burning characteristics of building materials is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies under actual fire condition.



Trim edge treatment.

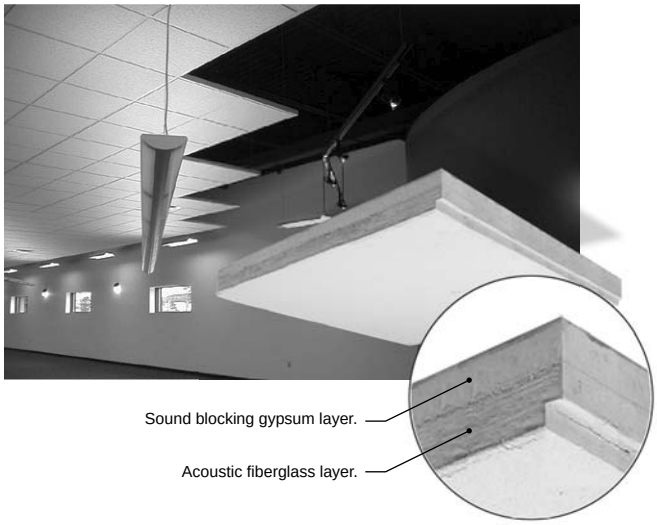


Reveal edge treatment.

THUNDERTILE™

ThunderTile™ ceiling panels combine the acoustic absorption of Broadway fiberglass panels with the sound-stopping mass of 1/2" (12mm) gypsum board. This composite tile is ideal for use in boardrooms, schools, legal and medical offices where room acoustics need to be controlled and privacy maintained by reducing sound transmission between rooms.

ThunderTiles are fully encapsulated with a micro-mesh then covered in a bright white fiberglass facing to blend with typical drop-ceiling applications. ThunderTiles have been tested to meet stringent Class-1 fire ratings, making them suitable for use in all residential and commercial spaces. Panels are available in 2 standard drop-in ceiling tile sizes, in both trim and reveal edge treatments for 15/16" (24mm) ceiling grids.



SPECIFICATIONS:

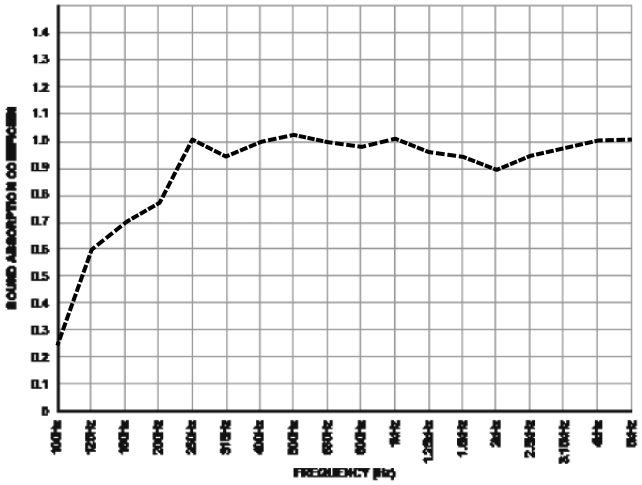
CORE MATERIAL	Formed, semirigid inorganic glass fibers
BACKING	1/2" (12 mm) gypsum board
FACING	Fiberglass tissue micro mesh sealed with water based latex paint
COLOR	Absolute White
GRID SPACING	15/16", T24 (24mm grid)
GRID SIZES	2' x 2' and 4' x 2'
NOISE REDUCTION COEFFICIENT	.65
CEILING ATTENTUATION CLASS	40
LIGHT REFLECTANCE	0.84
FLAME SPREAD	Class 1 or A (ASTM E 84 & Can/UL-S102)
RECYCLED CONTENT	Up to 40%

ABSORPTION CHARACTERISTICS*:

Sound absorption coefficient data.

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
3/4" Depth	0.60	1.0	1.10	1.00	.90	1.00	.95

** Estimated acoustic absorption based StratoTile testing performed by Muller - BBM and 1/4 wavelegnth calculation.



FIRE & BURN PERFORMANCE:

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05*	1 OR A	5 FSI	15 SD
CAN/UL-S102	1 OR A	2 FSC1	10 SD
BS 476 Parts 6 & 7	1 OR A		

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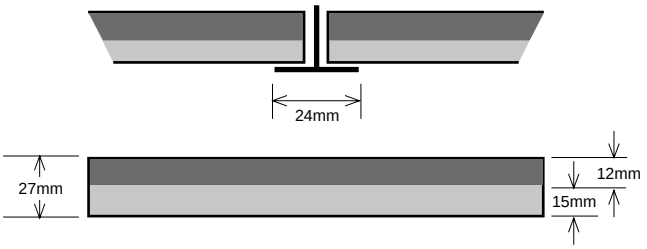
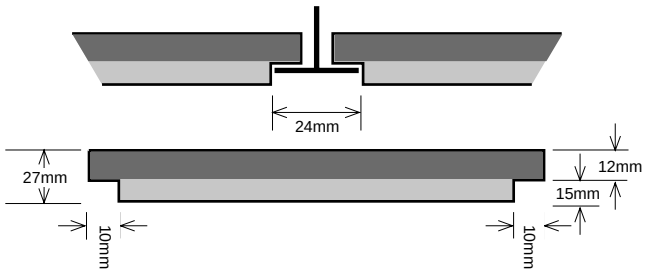
DIMENSIONS:

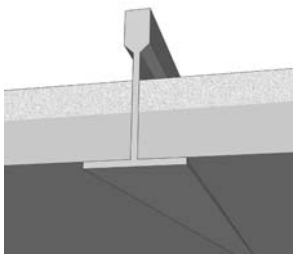
ORDER NO.	DESCRIPTION	HEIGHT	WIDTH	DEPTH	EDGE	BOX QTY.
P200-2424-00	2' x 2' Trim	23.75" (603mm)	23.75" (603mm)	1" (27mm)	Trim	8
P201-2424-00	2' x 2' Reveal				Reveal	8
P200-2448-00	4' x 2' Trim	47.75" (1213mm)	23.75" (603mm)	1" (27mm)	Trim	4
P201-2448-00	4' x 2' Reveal				Reveal	4

Trim edge treatment.

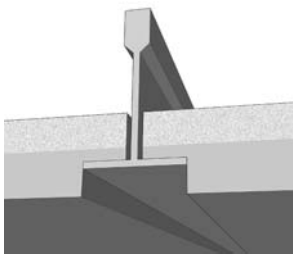


Reveal edge treatment.





Trim edge treatment.



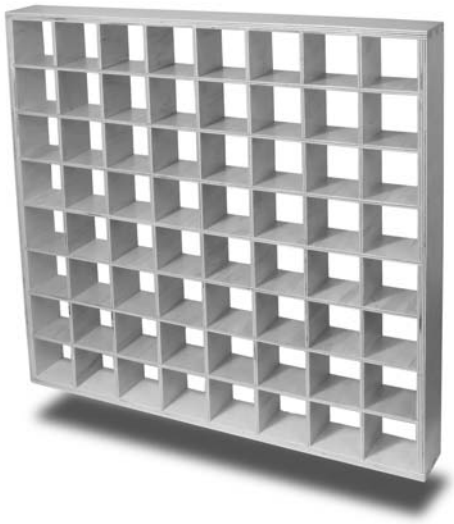
Reveal edge treatment.

RADIATOR™

The Radiator™ is a 24” x 24” multi purpose diffuser that is used to break up high frequency sound energy in a variety of applications.

The Radiator can be installed into standard drop-ceiling grids to act as a portal to the plenum above, linked together and suspended from the ceiling using included coupling hardware or hung directly on the wall surface using hidden keyhole mounting locations on the frame. It can even be used in front of windows to eliminate reflections while maintaining natural light and sight lines.

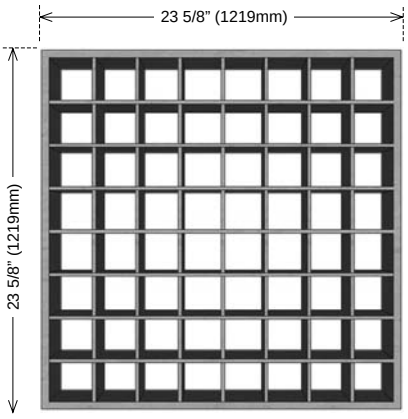
The Radiator ships assembled in a natural birch finish.



SPECIFICATIONS:

EFFECTIVE FREQUENCY RANGE	565Hz to 2.2KHz
OUTER FRAME MATERIAL	Baltic Birch Plywood with locking dovetail corner joints. 0.5” thick, Laquered natural wood finish
INNER CELL MATERIAL	Baltic Birch plywood 0.25” thick. Laquered natural wood finish
OUTER DIMENSION	23.74” x 23.74” x 3” 603mm x 603mm x 76mm Fits T-Bar drop ceiling grids
CELL DIMENSION	2.64” x 2.64” x 3” 67mm x 67mm
MOUNTING HARDWARE	Woodscrews and drywall anchors included for wall mounting. Coupling hardware allows radiator to be bolted together to create diffusion arrays. Two coupling bolts included.
ORDER NUMBER	Z840-2500-00

Clever “keyhole” mounting hardware for fast wall mounting.



Solid construction using dovetail joinery and baltic birch plywood.

APPLICATION:

Six Radiator diffusers are bolted together and suspended above the mix position in a studio control room.

Eight Radiator diffusers are bolted together and hung on the wall to create ambience in the studio

Radiator diffusers surround light fixtures in a hotel lobby ceiling.

FLEXIFUSER™

The FlexiFuser™ is a 24” x 48” x 8” variable pitch diffuser and absorber that employs a series of adjustable slats allowing the engineer a way to customize the reflective pattern. Behind the slats, a full-size, 2” thick high-density fiberglass panel absorbs excessive energy from 250Hz and up. This combination of adjustable slats and absorptive panel helps to eliminate standing waves and flutter echo and is tunable to any room or listening position.

The FlexiFuser enclosure is made from MDF wood composite with an easy to clean black melamine finish and ships flat to reduce freight. Final assembly is performed on site using a household screwdriver. Building a FlexiFuser takes about 15 minutes from start to finish.

SPECIFICATIONS:

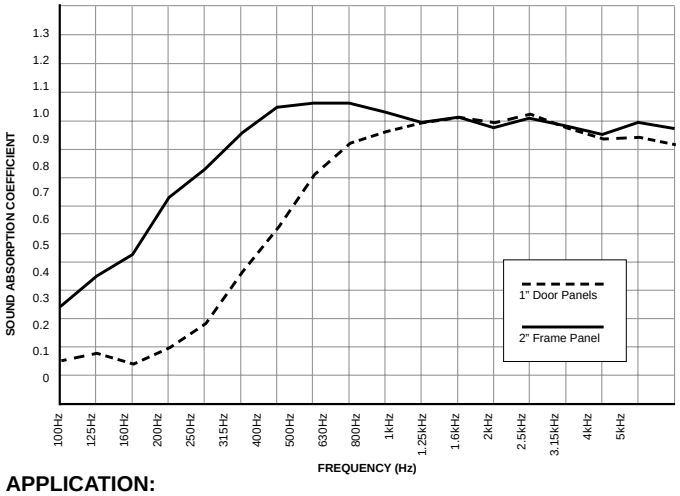
FRAME MATERIAL	Black melamine laminated MDF outer & slats
DIMENSIONS	24” (610mm) x 48” (1219mm) x 8” (203mm)
PANEL MATERIAL	Formed, semi-rigid inorganic glass fibers; Density 6.0 lbs. pcf. (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester, Gray only
ORDER NUMBER	Z840-1135-08

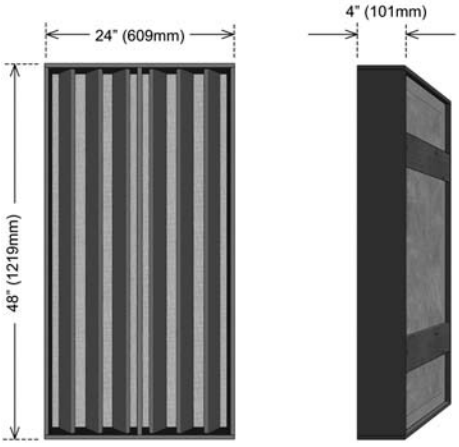
ABSORPTION CHARACTERISTICS:*

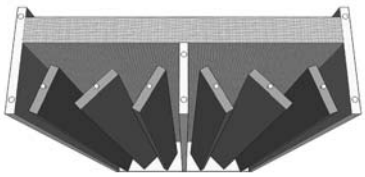
Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
2” Depth	0.45	0.83	1.07	1.00	1.01	1.00	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.



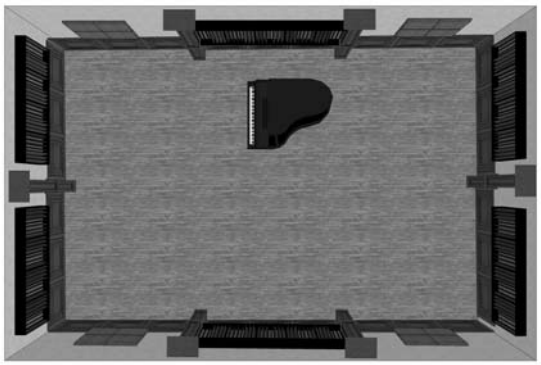




Top panel removed to show slats.

APPLICATION:

Diffusers mounted behind the listening position break up front to back room reflections and create a sense of air.



RAZORBLADE™

The Razorblade™ is a 24” x 48” x 8” quadratic residue diffuser (QRD) that will effectively break up standing waves and directional reflections to provide a sense of air and increased space in any room. Ideally suited for recording studios, theaters and critical listening environments the Razorblade features a series of 17 wells of varying depth that combine to effectively scatter frequencies as low as 400Hz.

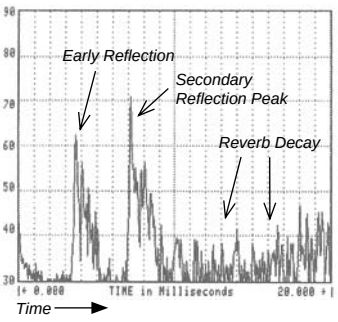
The Razorblade is constructed using a combination of furniture-grade plywood for durability, and medium density fiberboard slats for increased rigidity and mass. Ships fully assembled in an attractive black finish.

SPECIFICATIONS:

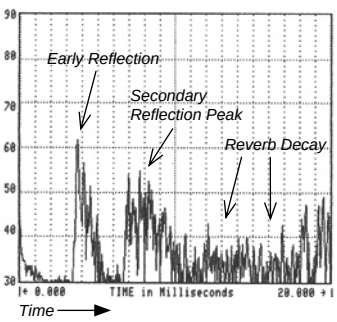
FRAME MATERIAL	Baltic Birch outer frame, MDF inner
DIMENSIONS	24” (610mm) x 48” (1219mm) x 8” (203mm)
ORDER NUMBER	Z840-2400-00
COLOR	Black, paintable

IMPULSE RESPONSE TEST:

Graph-1: No Diffusion

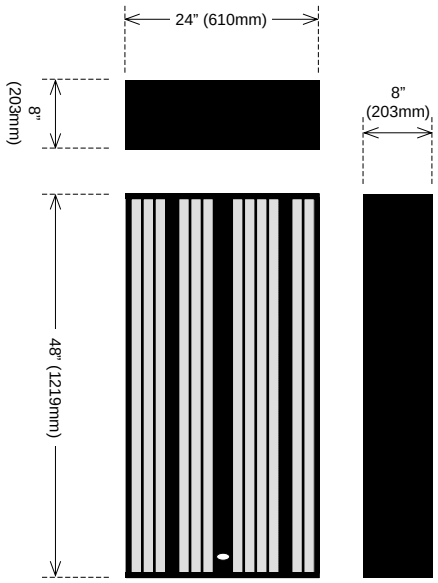


Graph-2: Razorblade Quadratic Diffusion

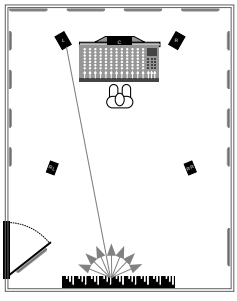


Graph 1:
Room without Diffusion
The first spike represents the rooms early, or primary reflections. The second spike indicates the secondary reflections or room ambience.
The secondary is a full 10dB louder than the early reflections and most of the energy is bunched up at one point in time showing a peak.

Graph 2:
Room with Diffusion
Diffusion works by dispersing peak acoustic energy and spreading these spikes over a broader time span, creating secondary reflections that decay gradually and evenly. Diffusion is perceived as a natural wash of reverberation.



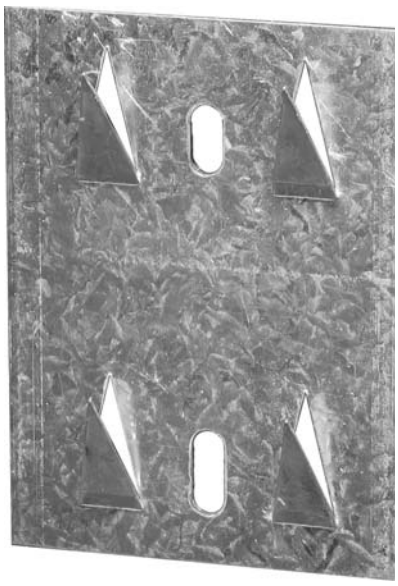
APPLICATION:
Diffusers on the rear wall span the width of the listening position and break up front-to-back waves.

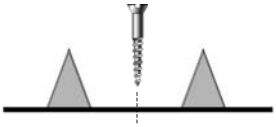


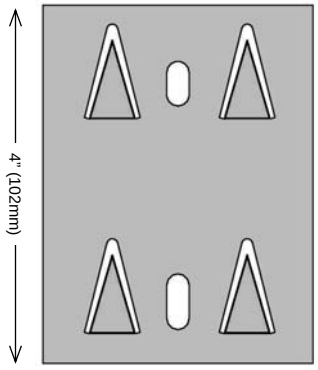
SURFACE IMPALER™

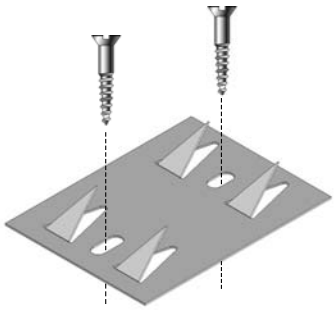
Surface Impalers are designed to provide the installer with a simple, quick, and effective method of mounting Broadway™ glass wool panels onto walls without causing serious surface defacement. Primacoustic Surface Impalers allow the installer to simply pull the panel down onto the Impaler clip quickly and efficiently, while allowing for some levelling adjustability after the panel is installed.

The Surface Impaler features four sharp darts that penetrate the panel and secure it in place. To ensure panels do not get dislodged after installation, applying a dab of construction adhesive to the center of the Impaler during the mounting process adds a level of security and reduces opportunity for tampering. Impalers are installed using typical sheetrock anchors and screws.









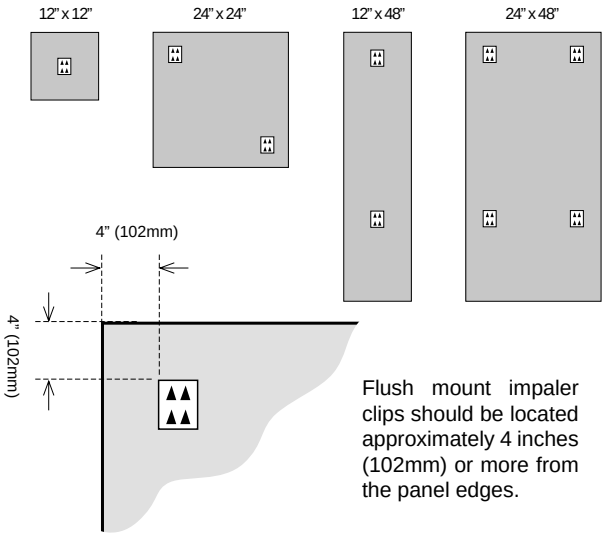
SPECIFICATIONS:

MATERIAL	20 gauge galvanized steel
DIMENSIONS	3" (76mm) x 4" (102mm)
ATTACHMENT POINTS	2 (Use an appropriate fastener for wall surface)
MAX LOAD LIMIT	12 lbs. (5.4 kg.) Dependant on wall fastener
NUMBER PER BOX	24 per box
ORDER NUMBER	F101-1000-00

RECOMMENDED MINIMUM NUMBER OF IMPALERS PER PANEL:

Order No.	Description	HEIGHT	WIDTH	DEPTH	No. of Impalers Needed*
F101-1212-xx	Scatter Blocks	12" (305mm)	12" (305mm)	1" (25mm)	**1**
F102-1212-xx	Scatter Blocks	12" (305mm)	12" (305mm)	2" (51mm)	**1**
F101-2424-xx	Control Cubes	24" (610mm)	24" (610mm)	1" (25mm)	**2**
F102-2424-xx	Control Cubes	24" (610mm)	24" (610mm)	2" (51mm)	**2**
F122-2424-xx	Control Cubes	24" (610mm)	24" (610mm)	2" (51mm)	**2**
F101-1248-xx	Control Columns	12" (305mm)	48" (1219mm)	1" (25mm)	**2**
F102-1248-xx	Control Columns	12" (305mm)	48" (1219mm)	2" (51mm)	**2**
F122-1248-xx	Control Columns	12" (305mm)	48" (1219mm)	2" (51mm)	**2**
F103-1248-xx	Control Columns	12" (305mm)	48" (1219mm)	3" (76mm)	**2**
F101-2448-xx	Broadband Panels	24" (610mm)	48" (1219mm)	1" (25mm)	**4**
F102-2448-xx	Broadband Panels	24" (610mm)	48" (1219mm)	2" (51mm)	**4**
F122-2448-xx	Broadband Panels	24" (610mm)	48" (1219mm)	2" (51mm)	**4**
F103-2448-xx	Broadband Panels	24" (610mm)	48" (1219mm)	3" (76mm)	**5**
F123-2448-xx	Broadband Panels	24" (610mm)	48" (1219mm)	3" (76mm)	**5**

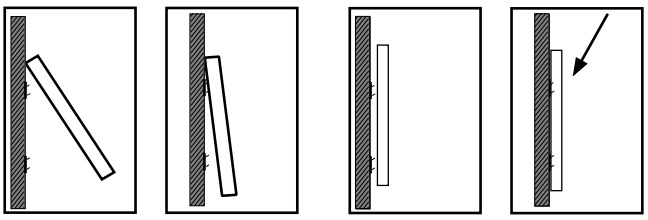
*Primacoustic recommends a certain number of impalers per panel as the minimum required for safe installation based on panel depth and weight. For additional security, you may wish to increase these numbers per panel and also combine with construction adhesive.



Flush mount impaler clips should be located approximately 4 inches (102mm) or more from the panel edges.

WALL MOUNTING:

Place top edge on set line. Carefully swing bottom edge to meet impaler heads. With the panel resting on the impaler darts, apply in towards wall and downward pressure.



PUSH-ON IMPALER™

Push-on Impalers are designed to provide the installer with a simple, quick and effective method of mounting Broadway™ glass wool panels onto walls without causing serious surface defacement. Primacoustic Push-On Impalers allow the installer to push the Broadway panel straight onto the Impaler clip, making it easier to align panels in clusters or side by side with accuracy.

The Push-On Impaler features a series of sharp protruding darts that penetrate the panel and secure it in place. To ensure panels do not get dislodged after installation, applying a dab of construction adhesive to the center of the Impaler during the mounting process adds a level of security and reduces opportunity for tampering. Impalers are installed using typical sheetrock anchors and screws.

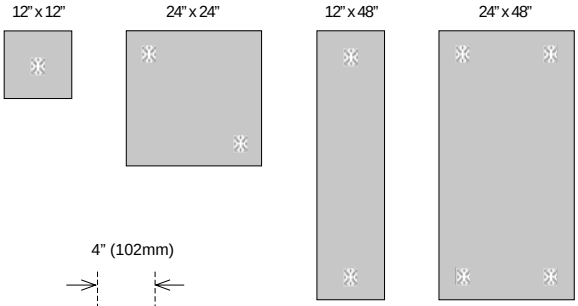
SPECIFICATIONS:

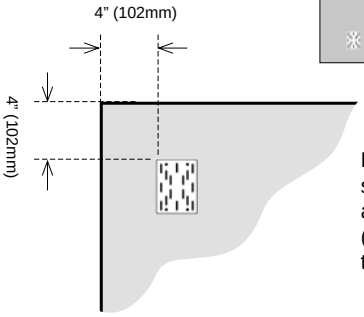
MATERIAL	20 gauge galvanized steel
DIMENSIONS	3" (76mm) x 4" (102mm)
ATTACHMENT POINTS	4 (Use an appropriate fastener for wall surface)
MAX LOAD LIMIT	12 lbs. (5.4 kg.) Dependant on wall fastener
NUMBER PER BOX	24 per box
ORDER NUMBER	F101-1003-00

RECOMMENDED MINIMUM NUMBER OF IMPALERS PER PANEL:

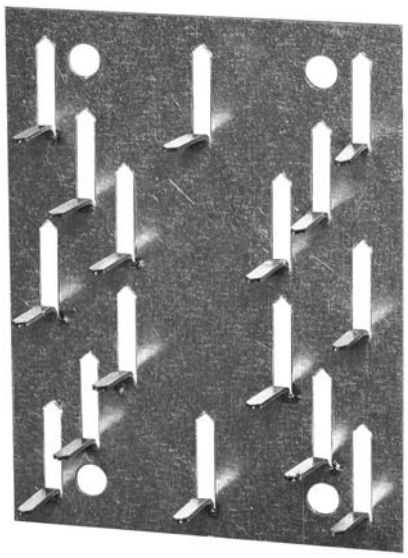
Order No.	Description	HEIGHT	WIDTH	DEPTH	No. of Impalers Needed*
F101-1212-xx	Scatter Blocks	12" (305mm)	12" (305mm)	1" (25mm)	**1**
F102-1212-xx	Scatter Blocks	12" (305mm)	12" (305mm)	2" (51mm)	**1**
F101-2424-xx	Control Cubes	24" (610mm)	24" (610mm)	1" (25mm)	**2**
F102-2424-xx	Control Cubes	24" (610mm)	24" (610mm)	2" (51mm)	**2**
F122-2424-xx	Control Cubes	24" (610mm)	24" (610mm)	2" (51mm)	**2**
F101-1248-xx	Control Columns	12" (305mm)	48" (1219mm)	1" (25mm)	**2**
F102-1248-xx	Control Columns	12" (305mm)	48" (1219mm)	2" (51mm)	**2**
F122-1248-xx	Control Columns	12" (305mm)	48" (1219mm)	2" (51mm)	**2**
F103-1248-xx	Control Columns	12" (305mm)	48" (1219mm)	3" (76mm)	**2**
F101-2448-xx	Broadband Panels	24" (610mm)	48" (1219mm)	1" (25mm)	**4**
F102-2448-xx	Broadband Panels	24" (610mm)	48" (1219mm)	2" (51mm)	**4**
F122-2448-xx	Broadband Panels	24" (610mm)	48" (1219mm)	2" (51mm)	**4**
F103-2448-xx	Broadband Panels	24" (610mm)	48" (1219mm)	3" (76mm)	**5**
F123-2448-xx	Broadband Panels	24" (610mm)	48" (1219mm)	3" (76mm)	**5**

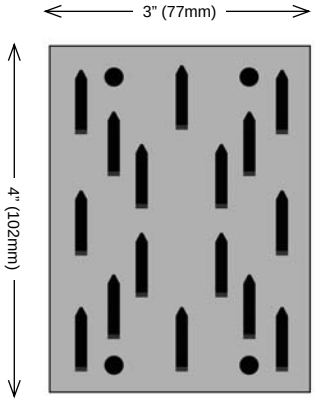
*Primacoustic recommends a certain number of impalers per panel as the minimum required for safe installation based on panel depth and weight. For additional security, you may wish to increase these numbers per panel and also combine with construction adhesive.

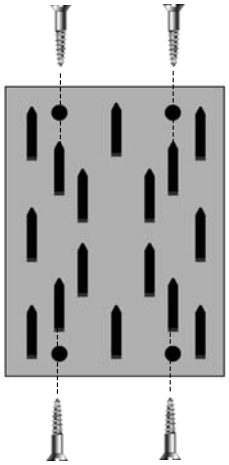




Push-on impaler clips should be located approximately 4 inches (102mm) or more from the panel edges.

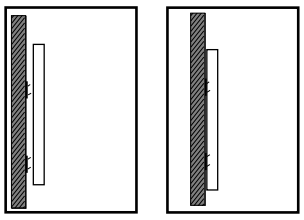






WALL MOUNTING:

Align top edge on set line. Carefully move panel to meet impaler heads. With the panel resting on the impaler darts, apply pressure in towards wall and seat panel.

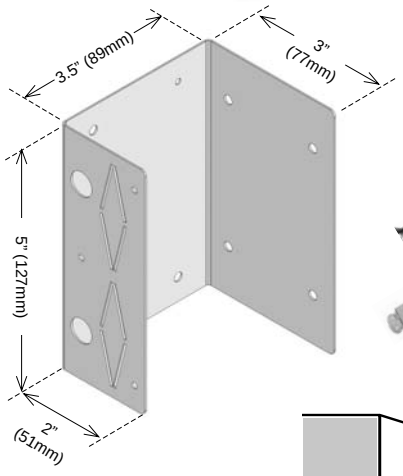


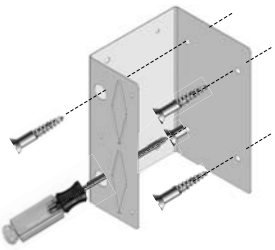
OFFSET IMPALER™

Offset impalers provide the installer with a simple, quick and effective method of mounting Broadway™ fiberglass acoustic panels onto wall surfaces while creating an air cavity behind the panel to increase bass absorption.

The Offset impaler features a U-shaped design that holds the panel from the wall surface by 3.5” making it easy to align with typical 2” x 4” studs. The panel is held in place using a series of sharp protruding darts that penetrate the panel to secure it during installation.

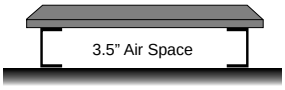
To ensure panels do not get dislodged after installation, applying a dab of construction adhesive to the impaler darts during the mounting process adds a level of security and reduces opportunity for tampering. Impalers are installed using typical sheetrock anchors and screws and therefore, will not cause serious surface defacement to the wall.



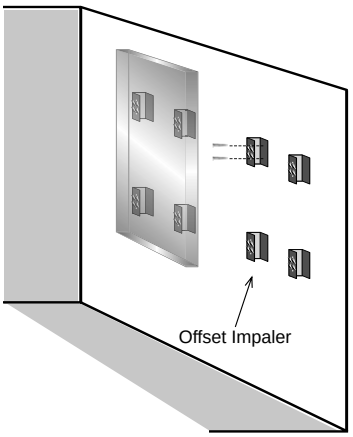


SPECIFICATIONS:

MATERIAL	20 gauge galvanized steel
DIMENSIONS	3” (76mm) x 5” (127mm); Offset = 3.5” (89mm) from wall surface
ATTACHMENT POINTS	4 (Use an appropriate fastener for wall surface)
MAX LOAD LIMIT	12 lbs. (5.4 kg.) Dependant on wall fastener
NUMBER PER BOX	8 per box
ORDER NUMBER	F101-1035-00



Air space formed using offset impaler clip.

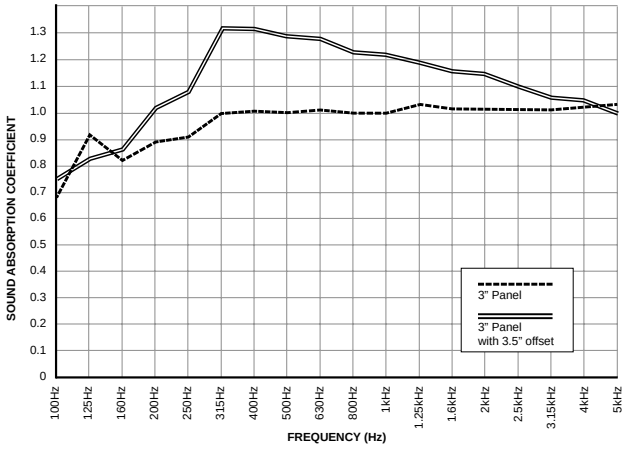


ABSORPTION CHARACTERISTICS:**
Sound absorption coefficient data

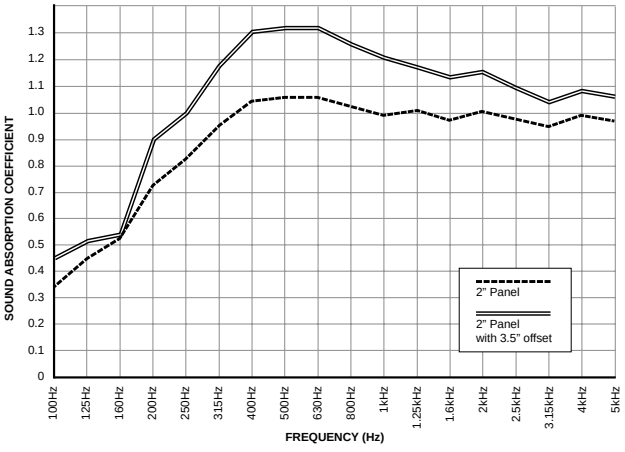
PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
3” panel	0.92	0.91	1.00	1.00	1.02	1.03	1.00
*With 3.5” Offset****	*0.83*	*1.08*	*1.29*	*1.22*	*1.15*	*1.05*	*1.20*
2” Depth*	0.45	0.83	1.07	1.00	1.01	1.00	1.00
*With 3.5” Offset****	*0.51*	*1.00*	*1.32*	*1.22*	*1.16*	*1.09*	*1.10*

** Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.
***Offset mounted to create an air space between the panel and wall.

Three inch Broadway panels with and without a 3.5” air space.



Two inch Broadway panels with and without a 3.5” air space.



CORNER IMPALER™

Corner impalers are designed to provide the installer with a simple, quick and effective method of mounting Broadway™ fiberglass acoustic panels into corners to create bass traps. The Corner impaler features a 45º angle design that positions a panel across a typical 90° corner without causing serious defacement of the wall surface.

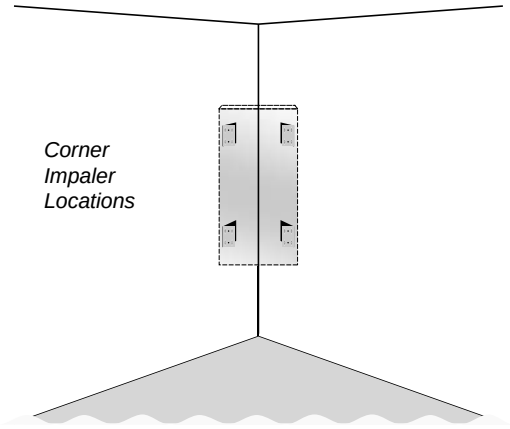
The panel is held in place using a series of sharp protruding darts that penetrate the panel to secure it during installation. To ensure panels do not get dislodged after installation, a dab of construction adhesive may be applied to the impaler darts during the mounting process adding a higher level of security and reducing opportunity for tampering. Impalers are installed using typical sheetrock anchors and screws.

SPECIFICATIONS:

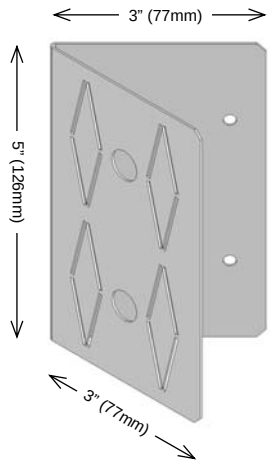
MATERIAL	20 gauge galvanized steel
DIMENSIONS	3" (76mm) x 5" (127mm); 45° angle for 90° corners.
ATTACHMENT POINTS	4 x (Use appropriate fastener for wall surface)
MAX LOAD LIMIT	12 lbs. (5.4 kg.) Dependant on wall fastener
NUMBER PER BOX	8 pieces
ORDER NUMBER	F101-1001-00

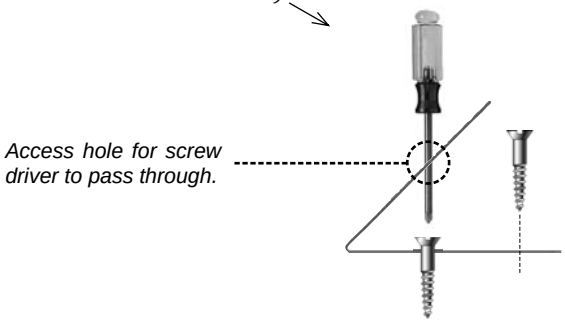
RECOMMENDED NUMBER OF IMPALERS PER PANEL:

Order No.	Description	HEIGHT	WIDTH	DEPTH	No. of Impalers Needed
F102-2448-	Broadband Panels	24" (610mm)	48" (1219mm)	2" (51mm)	**4**
F122-2448-	Broadband Panels	24" (610mm)	48" (1219mm)	2" (51mm)	**4**
F103-2448-	Broadband Panels	24" (610mm)	48" (1219mm)	3" (76mm)	**4**
F123-2448-	Broadband Panels	24" (610mm)	48" (1219mm)	3" (76mm)	**4**



Corner Impaler Locations

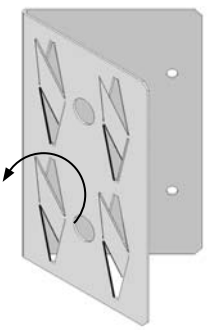




Access hole for screw driver to pass through.

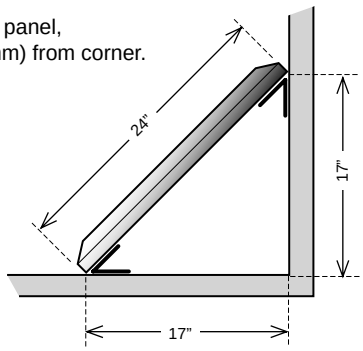
PREPARING IMPALER HEADS:

Impaler darts are bi-directional and are pivoted outward as needed to create left and right Corner impalers.



MOUNTING:

• 24" (610mm) wide Broadway panel, space impaler clip 17" (432mm) from corner.



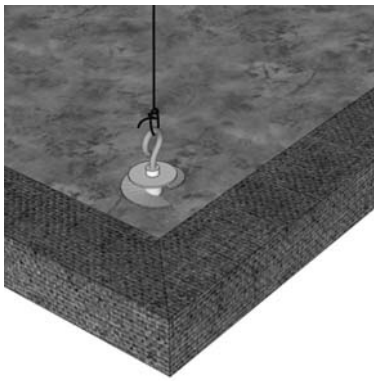
CLOUD ANCHOR™

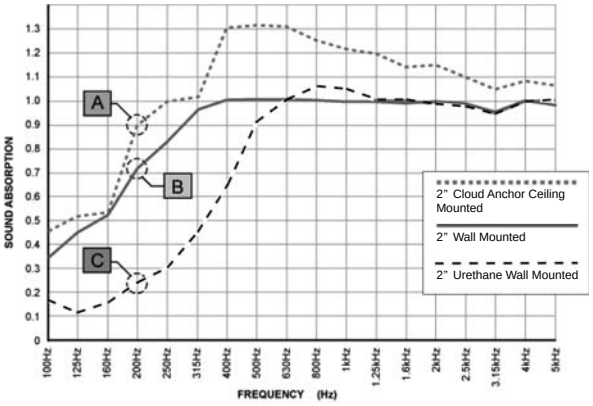
Suspending Broadway panels has never been easier or faster. Simply twist Cloud Anchors into the back of any 2” (5cm) or 3” (7.5cm) Broadway panel for a strong and secure installation.

The integrated eye-screw allows overhead suspension by tie-wire or chain. The Primacoustic Cloud Anchor is perfect for hanging Broadway acoustic panels in restaurants, call centers, boardrooms, schools and offices.

SPECIFICATIONS:

MATERIAL	Plastic and steel
MAX LOAD LIMITS	45 lbs. (20.4 kg.) per anchor
NUMBER PER BOX	12 pieces
ORDER NUMBER	F101-1007-00



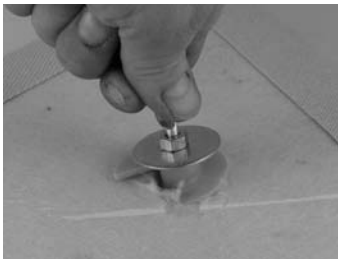


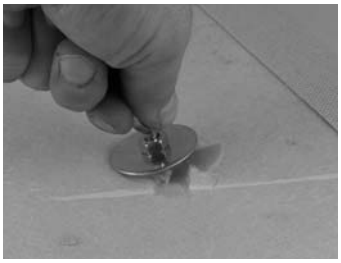
APPLICATIONS:

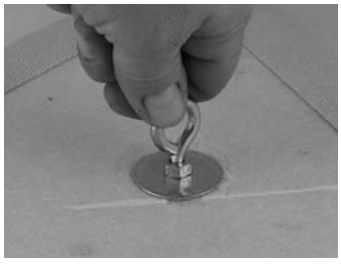
Call Centers

Restaurants

Easy Installation: Twist and Go!



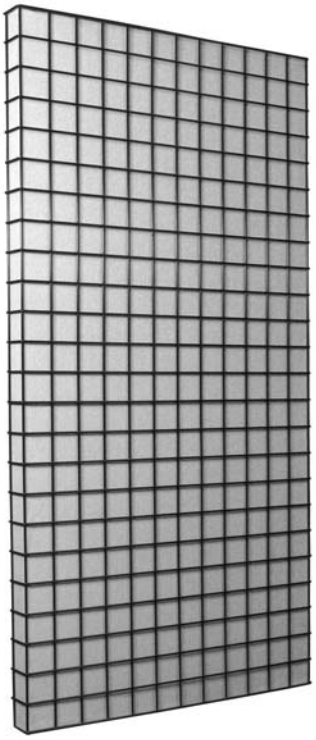




ENDZONE™

The End-Zone is a protective steel cage that surrounds a Broadway 24”x48”x2” (61cmx122cmx5cm) acoustic panel. Ideally suited for gymnasiums or public spaces where panel abuse is a concern, the End-Zone provides a protective barrier for the acoustic panel without changing the absorptive properties.

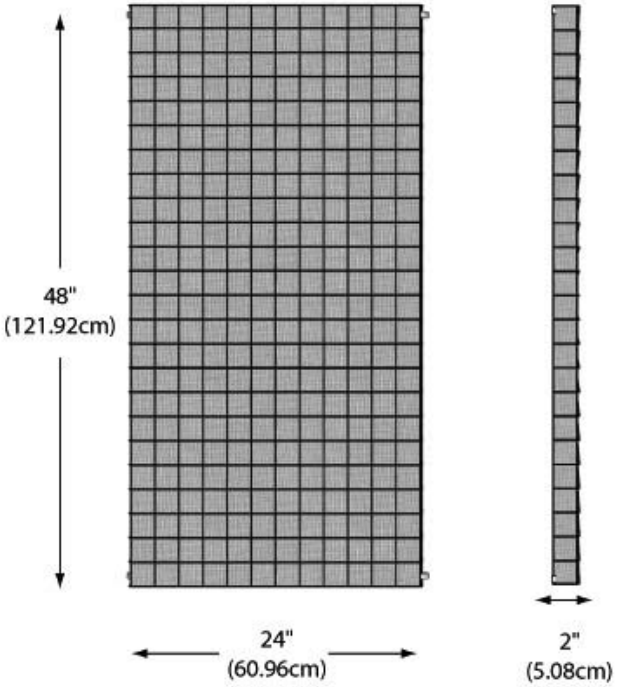
Mounting is accomplished by screwing nylon retention D-clips onto the wall surface then sliding the Broadway panel into position. This makes installation easy and practical for all types of wall surfaces. The 18 gauge steel cage comes standard in a galvanized finish and can be special ordered in choice of black or white powder coat. Packaged six units per box.



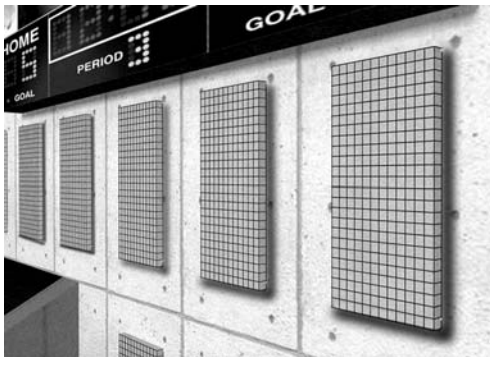
SPECIFICATIONS:

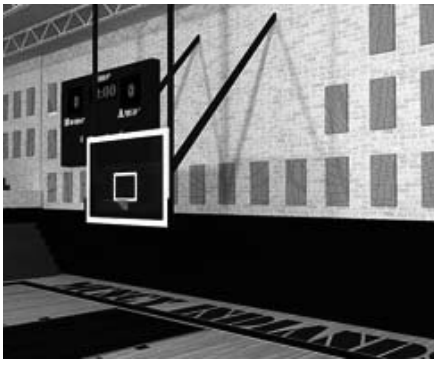
MATERIAL	18 gauge galvanized steel
DIMENSIONS	24” (609.6 mm) x 48” (1219 mm) x 2” (50.8 mm)
COLOR	Silver, Optional Black, Optional White
WEIGHT	6 lbs (2.66 kg)
NUMBER PER BOX	6 per box
ORDER NUMBER	F100-0100-XX

Nylon D-Clips For Mounting



APPLICATIONS:

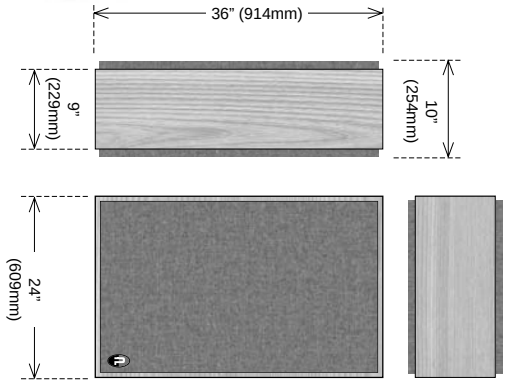




GOTRAP™

The GoTrap is a 24” x 36” x 10” combination gobo and bass trap that is designed to meet the demands of the professional stage or studio. The GoTrap features fabric covered high density glass wool panels on both sides for absorption of mid and high frequencies. An internal fiberboard diaphragm provides a barrier to block sound transmission between instruments while enhancing bass absorption.

Made from multi-ply Baltic birch, the GoTrap is engineered with dove-tail joints to provide years of service, and can be stacked to create isolation walls. The GoTrap ships flat, assembles in less than 15 minutes and is available with a choice of three panel colors: black, beige and gray with a natural birch frame.



SPECIFICATIONS:

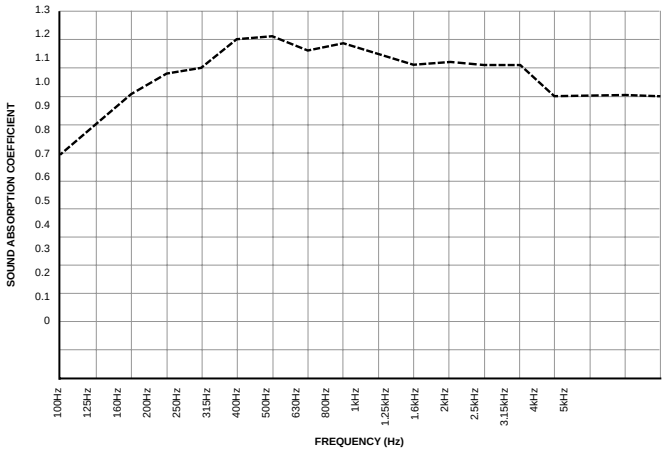
FRAME MATERIAL	Baltic Birch Plywood with dovetail corner joints
DIMENSIONS	36” (914mm) x 24” (609mm) x 10” (254mm)
PANEL MATERIAL	Formed, semirigid inorganic glass fibers; Density 6.0 lbs pcf (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
RIGID MEMBRANE	1/4” hardboard.
ORDER NUMBER	Z840-1120-xx (xx denotes color code 00=Black; 03= Beige; 08=Grey)

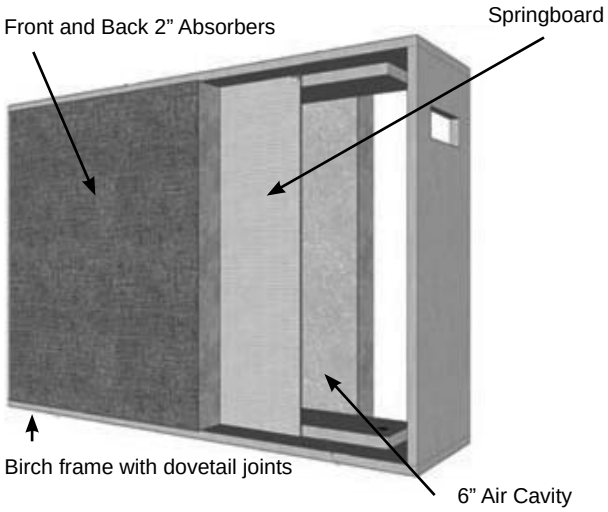
ABSORPTION CHARACTERISTICS*:

Sound absorption coefficient data

50Hz	80Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	5kHz
0.95	1.10	0.45	0.80	1.00	0.90	1.00	1.00	1.00

*Theoretical absorption based on Broadway panel test results and 1/4 wavelength calculation.





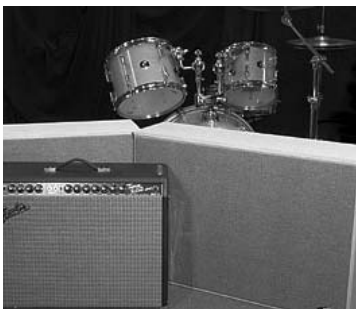
FIRE & BURN PERFORMANCE:

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05*	1 OR A	15 FSI	155 SD
CAN/UL-S102	1 OR A	15 FSC1	155 SD

*Fire and burn test data applies to the acoustic panel only and does not include the plywood encasement for fire-hazard or fire-risk assessment. Please consult your local building authority and/or insurance underwriter to ensure the product meets local building codes.

APPLICATION:

GoTrap shown as go-between to isolate drums and amps.



FLEXIBOOTH™

The FlexiBooth ™ is a unique device that can instantly turn any wall into a very functional vocal recording environment simply by opening its doors. Built like a 24” x 48” cabinet, the FlexiBooth hangs on any wall surface.

When the doors are opened, a 2” thick high density Broadway panel fills the back of the cabinet while low-profile 1” thick panels line the doors. This creates a 16 square foot area that effectively absorbs sound throughout the voice range, making the FlexiBooth ideal for voice-over, vocal tracking and podcasting.

The FlexiBooth enclosure is made from MDF wood composite with an easy to clean black melamine finish and ships flat to reduce freight. Final assembly is performed on site using a simple household screwdriver. Building a FlexiBooth takes about 15 minutes from start to finish! Available in a choice of 2 panel colors, beige or gray and black cabinet.

SPECIFICATIONS:

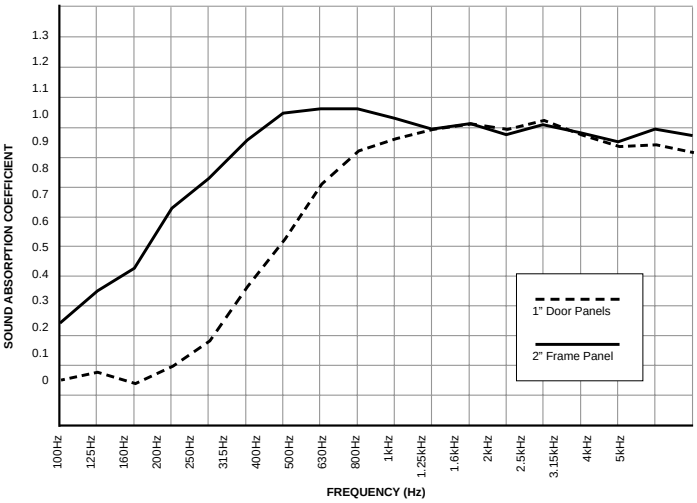
FRAME MATERIAL	Black melamine laminated MDF frame and doors
DIMENSIONS	24” (610mm) x 48” (1219mm) x 6” (151mm)
PANEL MATERIAL	Formed, semi-rigid inorganic glass fibers; Density of 6.0 lbs. pcf. (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester (Beige or Grey available)
ORDER NUMBER	Z840-1130-xx (xx denotes color code 03=Beige, 08=Grey)

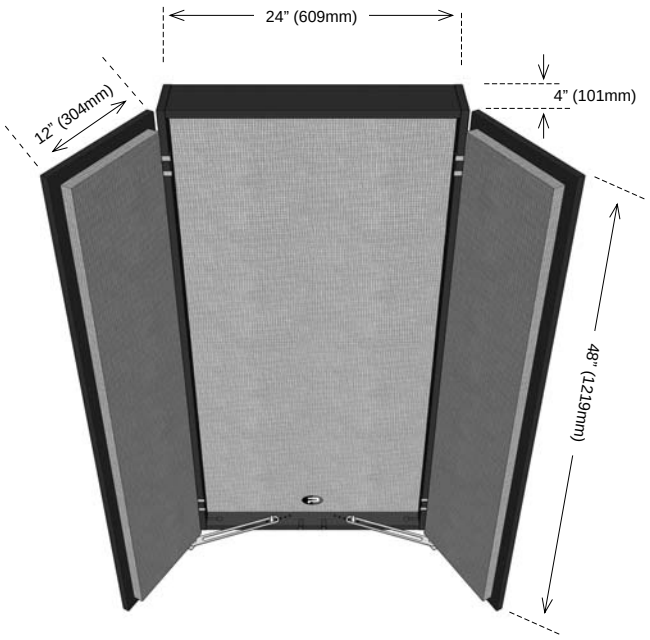
ABSORPTION CHARACTERISTICS*:

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1” Depth	0.17	0.28	0.81	1.00	1.02	0.95	0.80
2” Depth	0.45	0.83	1.07	1.00	1.01	1.00	1.00

* Testing performed by Riverbank Acoustical Laboratories. The test method conformed explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.





APPLICATIONS :

VOXGUARD™
VOXGUARD DT™

VoxGuard

The VoxGuard™ and the VoxGuard DT™ are portable acoustic screens designed to reduce the ambient noise around a microphone when recording. This allows the voice to be captured while eliminating echo and reverb, allowing the engineer to reintroduce the desired effects during post production.

The VoxGuard attaches to a mic stand with the supplied threaded mic stand adaptor. It is unique in that it is lighter and larger than competitive products. This makes it more stable on the mic stand and opens the door to a wide array of applications such as shielding instruments from each other in the studio.

The VoxGuard DT is the free standing model designed to surround microphones on desks and tables. Simply rest it behind your microphone as a table-top gobo to reduce ambience and echo. An open slot on both models allows the cable to pass through the back while allowing the microphone to be articulated for optimum positioning. The VoxGuard includes a microphone extension bar for additional placement options.

VoxGuard DT

Features

- High density acoustic foam liner
- High impact ABS outer shell
- Innovative rear access cable port

Benefits

- Controls ambient space around the mic
- Creates an intimate sound field
- Delivers cleaner, more articulated, voice tracks
- Allows you to add vocal effects as needed

Cool Stuff

- Stand mounted version for most vocal mics
- Table-Top version for podcasting, interviews, etc.
- Larger surface area than competitive products

SPECIFICATIONS:

BAFFLE MATERIAL	SP-9010 ABS plastic shell, 3/16" (4.5mm) thick Black with textured finish
ABSORBER MATERIAL	1" High-density open cell acoustic foam, 2.2 lb/per cu-ft, charcoal colour
DIMENSIONS	Voxguard - 18" (457 mm) wide x 15" (381 mm) tall x 7.5" (190 mm) deep Voxguard DT - 14" (355 mm) wide x 12" (305 mm) x 7.5" (190 mm) deep
ORDER NUMBER	P300-0100-00
MOUNTING HARDWARE	Threaded mic stand adapter, knurled ring, extension bar
	The Voxguard is made from 75% recycled materials

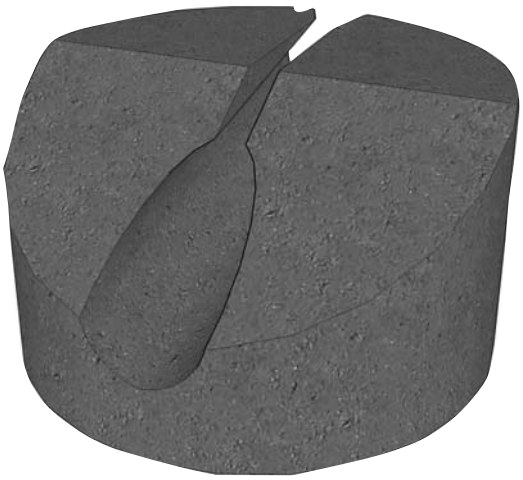
APPLICATIONS:

Vocal Recording

Instrument Recording

Podcasting

TRIPADS™



TriPad™ Mic Stand Isolators are designed to decouple the stand from floor-borne noise and resonance. The TriPads are constructed from high-density acoustic foam that has been modified for added rigidity. The pads are then cut into a convenient disc shape, drilled at a precise angle, and then cut two more times to create a design that is unobtrusive when placing stands around instruments.

The mic stand leg slips into the slot and stays in place making it easy to move the stand around the studio without having to reposition it each time. The Primacoustic TriPad mic stand isolators ship as a set of three units in a handy storage tube.

Features

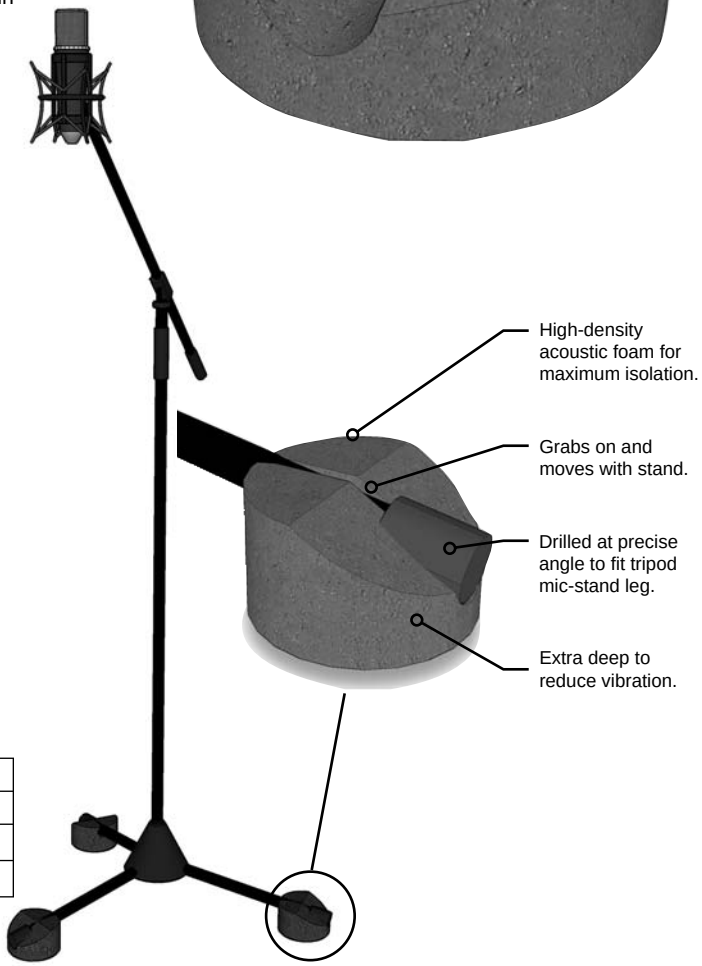
- Extra stiff, high density open cell foam construction
- Easy to mount design fits most tripod mic stands
- Innovative slotted design keeps isolation pads in place
- Comes in handy storage case

Benefits

- Eliminates footstep resonance through the floor from transferring to mic
- Improves the sound of the recording
- Reduces time required to mast or EQ out problems
- Very cost effective

Cool Stuff

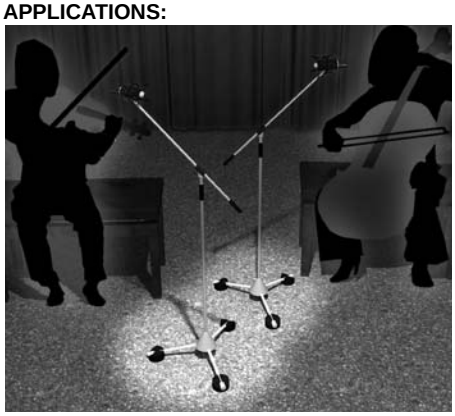
- Quick - easy to use design fits most mic stands
- Sturdy foam with low form factor will not cause mic to sway



SPECIFICATIONS:

MATERIAL	High-density acoustic foam
DIMENSIONS	4" (101mm) x 2.25" (57mm)
ORDER NUMBER	P300-0208-00
COLOR	Charcoal

APPLICATIONS:



TriPads isolate cello and violin mics on a hollow and resonant stage.

TriPads isolate a voice-over mic placed on hardwood floors.

TriPads isolate drum mics from vibrations created by the drums themselves.

KICKSTAND™

The KickStand™ is a microphone boom-arm isolator that combines a massive stabilizing base with an isolation pad to prevent resonance from the stage, riser or studio floor from entering the microphone. The KickStand helps eliminate this problem by decoupling the microphone stand from the stage, while providing a stable base to hold the microphone firmly in place.

The design begins with a thick, high-density acoustic foam isolation pad that covers the entire bottom plate. The special shape of the steel platform prevents the stand from resonating, and provides sufficient height to allow the boom arm and microphone to be articulated into an ideal position. The combination of soft foam to decouple and heavy steel to stabilize the microphone results in greater clarity and improved transient response.

Although originally developed for bass drums the KickStand is very effective on electric guitar, bass and other instruments that may be subject to floor resonance and other low frequency noise.

Features

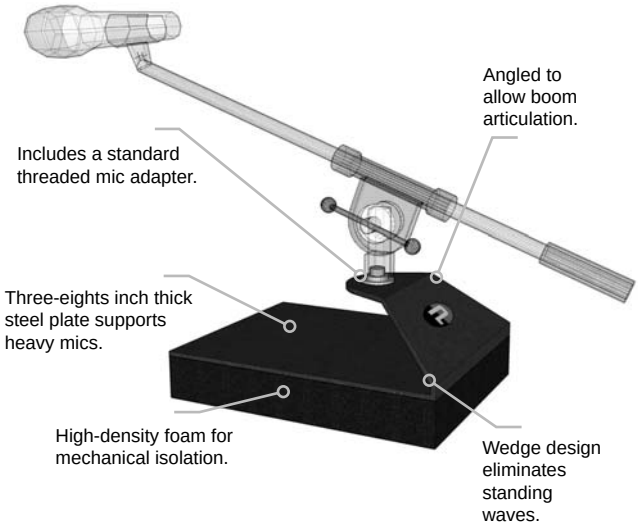
- High density open cell acoustic foam base
- Laser cut steel platform for mass and stability
- Innovative design for the boom attachment
- Small footprint for drum riser

Benefits

- Stops floor, stage and drum riser resonance from entering the microphone
- Getting a great kick drum sound is quick and easy
- Makes it easier to set the kick drum sound
- Delivers a better sounding drum kit and overall mix

Cool Stuff

- Compact, fits any stage or drum riser
- Holds mic in place for better transient attack
- Makes it easier to get the job done
- Like a Recoil Stabilizer for drums!



SPECIFICATIONS:

MATERIAL	3/8th" Steel and high-density acoustic foam
DIMENSIONS	7.5" (190mm) x 9.75" (248mm) x 4.5" (114mm)
ORDER NUMBER	P300-0200-00
COLOR	Steel: Black finish, paintable; Foam: charcoal

APPLICATIONS:

KICKPLATE™

The KickPlate™ is a microphone platform that combines a large stabilizing base with an isolation pad to prevent resonance from the stage, riser or studio floor from entering the microphone inside a kick drum. Designed for boundary microphones such as the Shure Beta 91, the KickPlate helps eliminate the problem by decoupling the microphone from the bottom of the kick drum, while introducing a stabilizing mass to hold the microphone firmly in place.

The design uses a unique 'double hull pontoon' shape made from high density foam that adapts to drum sizes ranging from 16" to 24". A heavy laser cut 1⁄4" steel plate provides the mass to stabilize the microphone and is augmented with a neoprene top surface that secures the microphone in place even when submitted to severe vibrations.

For those who travel, four cutout slots provide tie-down points to help hold the KickPlate firmly in place. These slots can then be attached to the inside lugs of the bass drum using heavy wire.

Features:

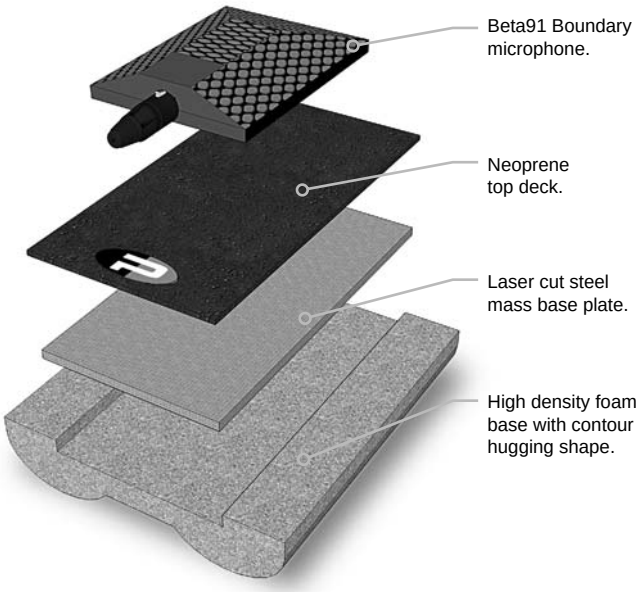
- Unique pontoon shape adapts to any size kick drum
- Laser cut steel platform for added mass sits flush inside the foam
- Neoprene top pad is sized for all boundary mics

Benefits:

- Stops floor, stage and drum riser resonance from entering the microphone
- Getting a great kick drum sound is quick and easy
- Tie-down points so you can keep it inside the drum, even when travelling

Cool Stuff:

- Replaces the pillow in the kick drum
- Holds mic in place for a better transient attack
- Like a Recoil Stabilizer for your kick drum!



SPECIFICATIONS:

MATERIAL	3/8th" Steel and high-density acoustic foam
DIMENSIONS	7.5" (190mm) x 9.75" (248mm) x 3" (114mm)
ORDER NUMBER	P300-0202-00
COLOR	Steel:Black finish, paintable; Foam: charcoal

APPLICATIONS:

CRASHGUARD™
CRASHGUARD 421™

The CrashGuard and CrashGuard 421 are drum microphone shields designed to isolate the drum and reduce the spill from nearby cymbals. This allows the engineer to increase the attack of the drum without the cymbals becoming overly present.

Made from high-impact ABS, the light-weight CrashGuard attaches to the boom arm and is held in place using the microphone's clip. The inside or underbelly of the CrashGuard is completely lined with high-density open cell acoustic foam to reduce internal reflections. The innovative design features a cable access port that allows the microphone to be articulated for optimum placement.

The CrashGuard has been tested for fit with many major brands of instrument microphones. The CrashGuard 421 has been specially designed to fit the classic Sennheiser MD421 microphone.

Features

- High density acoustic foam liner
- High impact ABS outer shell
- Innovative rear access cable port

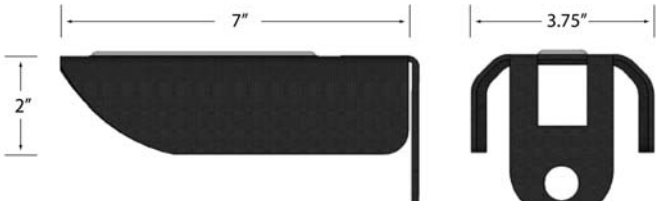
Benefits

- Reduces sound of cymbals from spilling into drum mics
- Allows drum mic to be articulated for precise positioning
- Improves isolation for added control of each drum

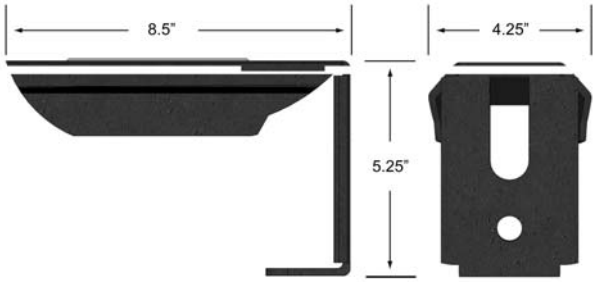
Cool Stuff

- Light-weight design fits most popular microphones
- Easily attaches to any stand using the stock mic clip
- Protects the microphone from aggressive stick hits

CRASHGUARD



CRASHGUARD 421



SPECIFICATIONS:

SHELL MATERIAL	SP-9010 ABS plastic shell, 3/16" (4.5mm) thick Black with textured finish
ABSORBER MATERIAL	.5" High-density open cell acoustic foam, 2.2 lb/per cu-ft, charcoal colour
DIMENSIONS	7" (178 mm) x 3.75" (95 mm) x 2" (51 mm)
ORDER NUMBER	CrashGuard - P300-0150-00 CrashGuard 421 - P300-0107-00
	The Crashguard is made from 75% recycled materials

APPLICATIONS:

SPLASHGUARD™

The SplashGuard™ is an innovative gobo that fits on a mic stand to reduce splash between instruments while recording. When the SplashGuard is used alone with a boom stand it acts as a pinpoint gobo that can get into tight places to attenuate unwanted sound from bleeding into the microphone.

When the SplashGuard is combined with a microphone, it becomes a dedicated acoustic shield that moves with the microphone. Using the included extension bar to adjust the microphone position the SplashGuard helps block some of the sounds arriving at the rear of the microphone.

The SplashGuard attaches to a mic stand using the supplied threaded mic stand adapter and knurled ring. An open slot allows the cable to pass through the back and the microphone to be articulated for optimal positioning. The included microphone extension bar allows for additional placement options. the splashguard works with most microphones and stands.

Features

- High density acoustic foam liner
- High impact ABS outer shell
- Innovative rear access cable port

Benefits

- Controls ambient space around the mic
- Can be used as either a gobo or a microphone shield
- Delivers a cleaner, more articulated recording

Cool Stuff

- Light-weight design is stable on all mic stands
- Extension bar allows for different mic positions
- Convenient size to fit between stringed instruments

SPECIFICATIONS:

BAFFLE MATERIAL	SP-9010 ABS plastic shell, 3/16" (4.5mm) thick Black with textured finish
ABSORBER MATERIAL	1" High-density open cell acoustic foam, 2.2 lb/per cu-ft, charcoal colour
DIMENSIONS	14 3/16" (360 mm) long x 9.75" (248mm) wide x 1.875" (48mm) deep
ORDER NUMBER	P300-0110-00
MOUNTING HARDWARE	Threaded mic stand adapter, knurled ring, extension bar
	The Splashguard is made from 75% recycled materials

HEADREST™

The HeadRest™ is a unique and easy to use headphone holder that attaches to any microphone stand. The main hook provides a large surface area to quickly hang any pair of full-sized headphones. A second rear folded hook has been added to neatly hang the headphones cord or a mic cable out of the way.

Unlike other holders that only provide a basic hook, the HeadRest is a sturdy, all steel headphone holder that will provide durable safekeeping for costly headphones in the studio or on stage.

Features:

- Steel construction for durability
- Attractive black powder coating to match mic stands
- Hook on rear of unit to hang cable

Benefits:

- Keeps headphones safely out of the way
- Cable hook keeps studio floor and stage tidy
- Large footprint keeps expensive headphones stable

Cool Stuff:

- Larger than other headphone holders for safety and security
- Always have a place to hang your cans!
- Installs between stand and its boom arm – becomes part of the stand!

SPECIFICATIONS:

MATERIAL	Powder Coated Steel
COLOR	Black
ORDER NUMBER	P300-0415-00

TELEPAD™

The TelePad™ is a unique device that allows the Apple™ iPhone™ and iPod Touch™ to be mounted to a stand for easy viewing and hands-free use. The TelePad's cradle snugly fits around the iPhone while spring loaded retainer clips allow the user to quickly release the phone. A 3-way adjustable clamp allows the unit to be attached to a wide range of stands from the thinnest of microphone tripods to heavy duty drum stands.

Two TelePads are available: The TelePad-3™ fits 2G, 3G and 3GS iPhones and iPod™ Touch™. The TelePad-4™ fits the Iphone 4. Made from high impact plastics, the TelePad combines durability with functionality and will surely deliver years of on-stage enjoyment.

Features:

- Three position clamp adjusts to fit pipes from ½" to 1" (14mm -25mm)
- Ball joint allows the phone to be rotated for portrait or landscape viewing at any angle
- Custom molded cradle fits snugly around iPhone to hold it in place

Benefits:

- Holds an iPhone securely on a stand for easy viewing
- Cradle releases from clamp quickly for safe removal of iPhone

Cool Stuff:

- Easy way to utilize your iPhone apps both in the studio and on stage
- Use an iPhone live as a teleprompter, tuner, metronome, etc

SPECIFICATIONS:

DIMENSIONS	2.75" (70 mm) wide x 5" (127 mm) tall x 3.75" (95 mm) deep
COMPATIBLE WITH	Telepad 3 - Fits iPhone 2G, 3G, 3GS and iPod Touch 2G, 3G Telepad 4 - Fts iPhone 4
CLAMP	Adustable with universal ball joint
CLAMP SIZE	0.5" (12.7 mm) to 1.0" (25.4 mm)
ORDER NUMBER	Telepad 3 - P300-0400-00 Telepad 4 - P300-0405-00
INCLUDED ACCESSORIES	Foam padding, allowing a snug fit for thinner phones and the iPod Touch

SHOWPAD™

The Showpad™ is a handy device that allows the Apple iPad™ to be mounted to a stand for easy viewing and hands-free use on stage or in the studio. The ShowPad's design features a custom contoured cradle with spring-loaded clasps that hold the iPad firmly in place and allow for quick removal. A 3-way adjustable clamp allows the unit to be attached to a wide range of stands from the thinnest of microphone tripods to heavy-duty drum stands. A ball joint connects the cradle to the clamp allowing the iPad to be angled and rotated for optimal viewing.

The ShowPad is designed to fit the first generation iPad. Made from high impact plastics, the ShowPad combines durability with functionality and will surely deliver years of on-stage enjoyment.

Features:

- Three position clamp adjusts to fit pipes from ½" to 1" (14mm -25mm)
- Ball joint allows the iPad to be rotated for portrait or landscape viewing at any angle
- Custom molded cradle fits snugly around iPad to hold it in place

Benefits:

- Holds an iPhone securely on a stand for easy viewing
- Cradle releases from clamp quickly for safe removal of iPhone

Cool Stuff:

- Make your iPad the ultimate on-stage tool
- Use your iPad as a lyric sheet, tab chart, lighting controller or any number of other iPad applications

SPECIFICATIONS:

DIMENSIONS	7.75" (197 mm) wide x 9.75" (248 mm) tall x 3.75" (95 mm) deep
COMPATIBLE WITH	Apple iPad
CLAMP	Adustable with universal ball joint
CLAMP SIZE	0.5" (12.7 mm) to 1.0" (25.4 mm)
ORDER NUMBER	P300-0410-00
INCLUDED ACCESSORIES	ShowPad cradle, universal ball joint, microphone stand clamp

RECOIL STABILIZER™

Patent pending.

Primacoustic Recoil Stabilizers are a nearfield reference monitor platform designed to decouple the loudspeaker from the supporting shelf while adding mass to stabilize the speaker from the backward recoil caused by the low frequency driver motion. The Recoil Stabilizer is made from three components: a high-density urethane foam base that acts as an isolator to eliminate resonant frequencies from traveling from the speaker to the shelf, a heavy laser-cut steel base that acts as both the platform for the speaker and as the stabilizing counter-force. Thin non-slip neoprene is used to hold the speaker securely in place. The Recoil Stabilizer works by simply placing it beneath the speaker. A range of sizes are available and these may be ordered in horizontal or down-fire angles to aim the loudspeakers as needed.

SPECIFICATIONS:

DECK	1/4" steel, black powder coated with 1/8" Neoprene pad
BASE	High density polyurethane foam
NUMBER PER BOX	1
WEIGHT	RX5 - 5.75 lbs. (2.6 kg.); RX7 - 10.8 lbs. (4.9 kg.); RX9 - 12.5 lbs. (5.7 kg.); RX12 - 22 lbs. (10 kg.); RX17 22 lbs. (10 kg.); RX20 - 36 lbs. (16.3 kg.)

DECK DIMENSIONS:

Order No.	Description	WIDTH	DEPTH	HEIGHT	Load Limit
Z860-1505	RX5-HF	7.5" (190.5mm)	9.5" (241mm)	1.87" (47.5mm)	32 lbs.
Z860-1505-05	RX5-DF (5° down angle)	7.5" (190.5mm)	9.5" (241mm)	1.87" (47.5mm)	32 lbs.
Z860-1505-10	RX5-UF (10° up angle)	7.5" (190.5mm)	9.5" (241mm)	1.87" (47.5mm)	32 lbs.
Z860-1507	RX7-HF	10.375" (263mm)	13" (330mm)	2.62" (66.5mm)	44 lbs.
Z860-1507-05	RX7-DF (5° down angle)	10.375" (263mm)	13" (330mm)	2.62" (66.5mm)	44 lbs.
Z860 1507-10	RX7-UF (10° up angle)	10.375" (263mm)	13" (330mm)	2.62" (66.5mm)	44 lbs.
Z860-1509	RX9-HF	15" (381mm)	11" (279mm)	2.62" (66.5mm)	50 lbs.
Z860-1509-05	RX9-DF (5° down angle)	15" (381mm)	11" (279mm)	2.62" (66.5mm)	50 lbs.
Z860-1512	RX12-HF	20" (508mm)	13" (330mm)	2.62" (66.5mm)	88 lbs.
Z860-1512-05	RX12-DF (5° down angle)	20" (508mm)	13" (330mm)	2.62" (66.5mm)	88 lbs.
Z860-1517	RX17	17" (432mm)	17" (432mm)	2.62" (66.5mm)	88 lbs.
Z860-1520	RX20	20" (508mm)	22" (559mm)	2.62" (66.5mm)	144 lbs.

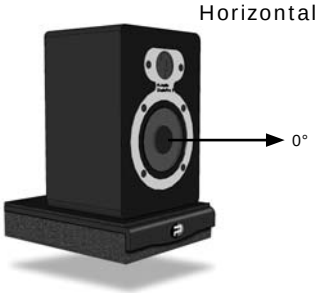
STUDIO MONITOR REFERENCE:

Monitor	Recoil
ADAM Audio	
A7	RX5
ANF10	RX5
P11A	RX7
P22A	RX7
P33A	RX12
S1A	RX7
S2A	RX7
S2.5A	RX7
S3A	RX9
Blue Sky	
EXO	RX5
MediaDesk SAT	RX5
SAT 12	RX12
SAT 5 MKII	RX5*
SAT 6.5 MKII	RX7
Digidesign	
RM1	RX7
RM2	RX7*
Dynaudio	
BM5A	RX7
BM6A	RX7
BM15A	RX9
AIR 6	RX7*
AIR 15	RX7*
AIR 20	RX17*
Event	
Studio Precision 6	RX7
Studio Precision 8	RX9
TR6	RX7
TR8	RX7
Fostex	
PM0.5 MKII	RX5*
PM1 MKII	RX7
PM2 MKII	RX7

Monitor	Recoil
Genelec	
1029A	RX5
1030A	RX5
1031A	RX7
1032A	RX9
8020A	RX5
8030A	RX7
8040A	RX7
8050A	RX7*
JBL	
LSR6325P-1	RX5
LSR6328P	RX9
LSR4326P	RX7
LSR4328P	RX7
Klein & Hummel	
O 110	RX5
O 300	RX9
O 410	RX12
KRK	
RP5	RX5
RP6	RX7
RP8	RX7
VXT4	RX5
VXT6	RX7
VXT8	RX7
E8B	RX17*
V4	RX5
V6	RX7
V8	RX7*
M-Audio	
EX66	RX5*
BX5a	RX5
BX8a	RX7*
DX4	RX5

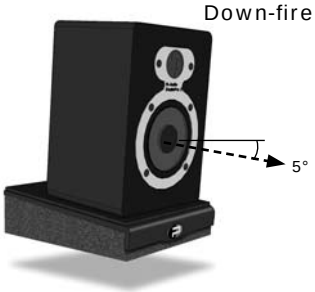
Monitor	Recoil
Mackie	
HR624	RX7
HR626	RX7
HR824	RX7
Meyer Sound	
HD 1	RX17
M&K Professional	
MPS-1501	RX5
MPS-1601	RX5*
MPS-1611	RX7
MPS-2510	RX7*
PMC	
DB1S-A	RX5
TB2S-A	RX7
Samson	
Resolv A8	RX7
Resolve A6	RX7
Tannoy	
Reveal 5	RX5*
Reveal 6D	RX7
Reveal 66	RX17*
Reveal 8D	RX7*
Precision 6	RX7
Precision 8	RX7*
System 600	RX7
System 800	RX7*
Yamaha	
MSP3	RX5
MSP7	RX7
MSP10	RX7
HS 50M	RX5
HS 80M	RX7*
NS-10	RX5*
NS-10 (sidemount)	RX9

Horizontal



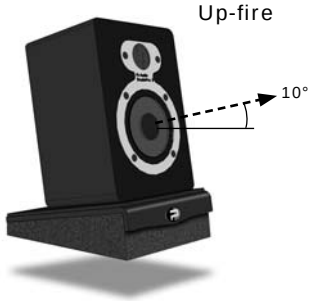
The 'HF' horizontal-fire will increase monitor height by 2". Ideal for custom or adjustable height speaker stands. If the stand platform is too small, add a high density wood base to fit the Recoil footprint.

Down-fire



The 'DF' down-fire is designed to compensate for the added 2" height by introducing a 5º down-fire angle. Ideal for monitor bridges and shelves that are already properly aligned.

Up-fire



The 'UF' up-fire is intended for desk-top applications such as post production where a monitor shelf is not available. The 10º up-fire angle aims tweeters to ear level.

**Recoil Stabilizer deck is undersized in one dimension by 1" or less. Check your monitor dimension for best fit.*