PRIMACOUSTIC®

# BROADWAY™ ACOUSTIC PANELS

Primacoustic Broadway™ is a range of fabric wrapped absorptive panels designed to control excessive reverberation in any indoor space. Available in a variety of sizes, Broadway panels can be wall or ceiling mounted for acoustic treatment in numerous applications including studios, classrooms, restaurants, gymnasiums and industrial noise control.

Made from high-density (6pcf/96 kg/m$^3$) glass wool, Broadway panels offer balanced absorption at all frequencies. Each panel is fully encapsulated with micromesh to ensure safe handling during installation and all edges are resin hardened for clean architectural lines. Broadway panels are tested by third-party laboratories for acoustic performance and fire safety by meeting stringent ASTM-E84 and CAN-UL S102 requirements.

Four standard panel sizes are available at up to 3" (7.5cm) thickness, in three neutral colors. A choice of square or beveled edges are available in most sizes.

## SPECIFICATIONS:

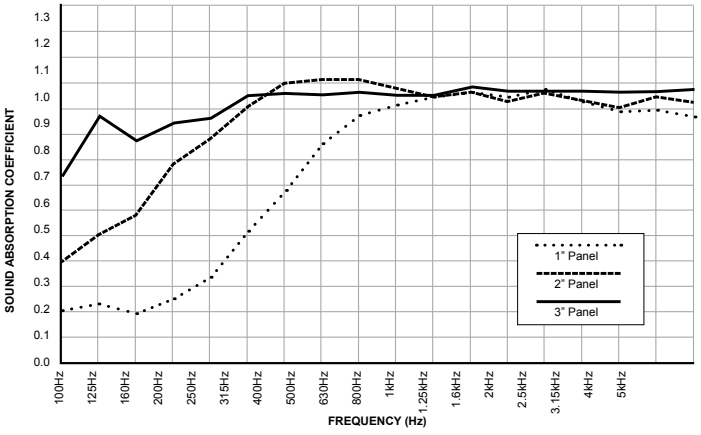
| | |
|---|---|
| **CORE MATERIAL DENSITY** | Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3) |
| **FABRIC FACING** | Acoustically transparent polyester |
| **BACKING** | Fiberglass tissue micromesh |
| **EDGE TREATMENT** | Sealed and hardened with resin |
| **RECYCLED CONTENT** | Up to 40% |
| **LEED ELIGIBLE** | Yes |

## ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| 1" (25mm) Depth | 0.17 | 0.28 | 0.81 | 1.00 | 1.02 | 0.95 | 0.80 |
| 2" (51mm) Depth | 0.45 | 0.83 | 1.07 | 1.00 | 1.01 | 1.00 | 1.00 |
| 3" (76mm) Depth | 0.92 | 0.91 | 1.00 | 1.00 | 1.02 | 1.03 | 1.00 |

* Testing performed by Riverbank Acoustical Laboratories. The test method conform 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 | 10 - 20 FSI | 145 - 200 SD |
| CAN/UL-S102 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |

** This method, designated as ASTM E 84-09, "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:

Scatter Blocks™ 12"x12" (30.5cm x 30.5cm)

| ORDER NO.* | Thickness | EDGE | Weight / per | BOX QTY. |
|---|---|---|---|---|
| F121-1212-XX | 1" (25mm) | Beveled | .75 lbs / .35 kg | 24 |

Control Columns™ 12"x48" (30.5cm x 122cm)

| ORDER NO.* | Thickness | EDGE | Weight / per | BOX QTY. |
|---|---|---|---|---|
| F121-1248-XX | 1" (25mm) | Beveled | 2.7 lbs / 1.2 kg | 12 |
| F102-1248-XX | 2" (51mm) | Square | 3.8 lbs / 1.8 kg | 12 |
| F122-1248-XX | 2" (51mm) | Beveled | 3.75 lbs / 1.7 kg | 12 |
| F123-1248-XX | 3" (76mm) | Beveled | 5.7 lbs / 2.6 kg | 8 |

Control Cubes™ 24"x24" (61cm x 61cm)

| ORDER NO.* | Thickness | EDGE | Weight / per | BOX QTY. |
|---|---|---|---|---|
| F102-2424-XX | 2" (51mm) | Square | 4.1 lbs / 1.8 kg | 12 |
| F122-2424-XX | 2" (51mm) | Beveled | 4.0 lbs / 1.7 kg | 12 |

Broadband Panels™ 24"x48" (61cm x 122cm)

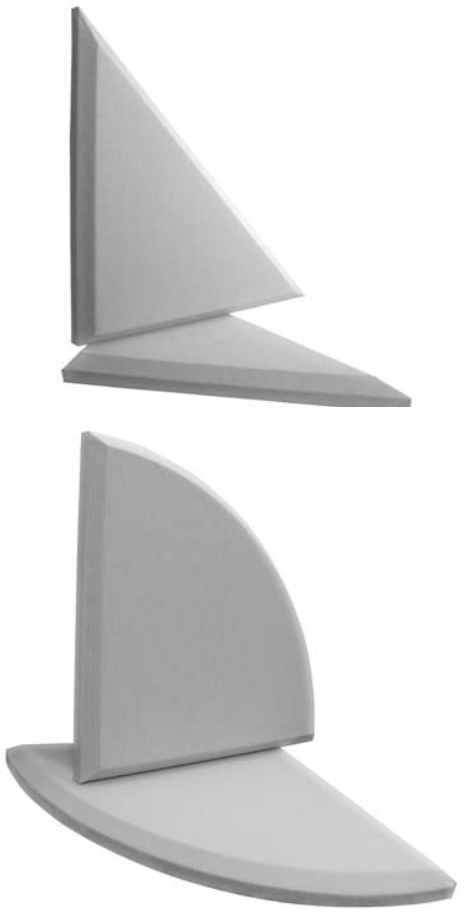
| ORDER NO.* | Thickness | EDGE | Weight / per | BOX QTY. |
|---|---|---|---|---|
| F121-2448-XX | 1" (25mm) | Beveled | 5.3 lbs / 2.4 kg | 6 |
| F102-2448-XX | 2" (51mm) | Square | 8.3 lbs / 3.8 kg | 6 |
| F122-2448-XX | 2" (51mm) | Beveled | 8.3 lbs / 3.8 kg | 6 |
| F103-2448-XX | 3" (76mm) | Square | 10.4 lbs / 4.8 kg | 4 |
| F123-2448-XX | 3" (76mm) | Beveled | 10.4 lbs / 4.7 kg | 4 |

*XX denotes Color Code. Replace with - 00 = Black, 03 = Beige, 08 = Grey

# BROADWAY™ ACCENT PANELS, ARK™ & APEX™

Broadway™ Accent panels 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" (610mm) x 24" (610mm) x 34" (863mm).

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:

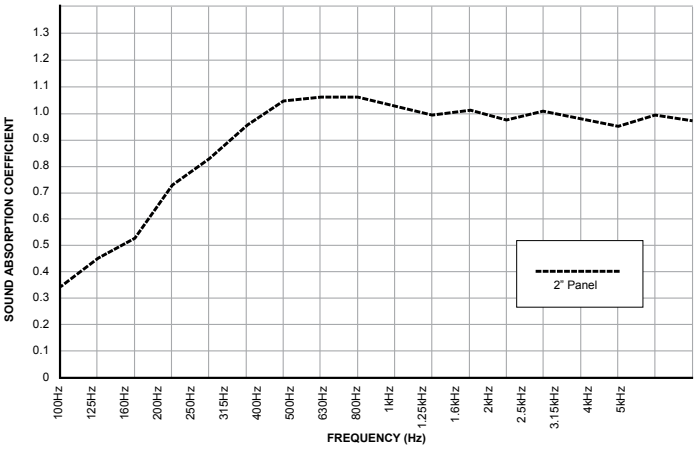
| | |
|---|---|
| **DIMENSIONS** | Ark - 24" (610mm) x 24" (610mm) x 48" (1219mm) radius<br>Apex - 24" (610mm) x 24" (610mm) x 34" (863mm) hypotenuse |
| **PANEL DEPTH** | 2" (51mm) |
| **CORE MATERIAL DENSITY** | Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3) |
| **WEIGHT** | ARK: 3.1 lbs / 1.4 kg APEX: 1.7 lbs / .75 kg |
| **FABRIC FACING** | Acoustically transparent polyester |
| **BACKING** | Sealed with acoustically transparent micro-mesh |
| **EDGE TREATMENT** | Sealed and hardened with resin |
| **RECYCLED CONTENT** | Up to 40% |
| **LEED ELIGIBLE** | Yes |

## ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| 2" (51mm) Depth | 0.45 | 0.83 | 1.07 | 1.00 | 1.01 | 1.00 | 1.00 |

* Testing performed by Riverbank Acoustical Laboratories. The test method conform 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 | 10 - 20 FSI | 145 - 200 SD |
| CAN/UL-S102 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |

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## 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 |

PRIMACOUSTIC®

# PAINTABLES™

Primacoustic Paintables™ are an innovative acoustic panel range that features a specially formulated textured latex surface that may be repainted or UV printed to match the color scheme and decor of your room or facility.

The design begins with the same high performance 6lb glass-wool panel that is used in our popular Broadway series panels. Like Broadway, the Paintables are fully encapsulated with a woven fiberglass mesh and feature resin hardened edges to create sharp, architecturally appealing lines. Rather than wrapping the panel in fabric, the face and edges of the Paintables are coated in a textured latex finish that is porous and breathable. This balanced formulation enables the panels to be spray-painted or custom printed without affecting the acoustic performance (see Primacoustic web site for details).

Paintables ship in an attractive absolute white finish and are available in a variety of sizes. This makes them perfectly suitable for both large scale and small room installations including house-of-worship, airports, home theater, offices, call centers, board rooms, restaurants, video conferencing rooms, broadcast facilities and recording studios of all sizes.

## SPECIFICATIONS:

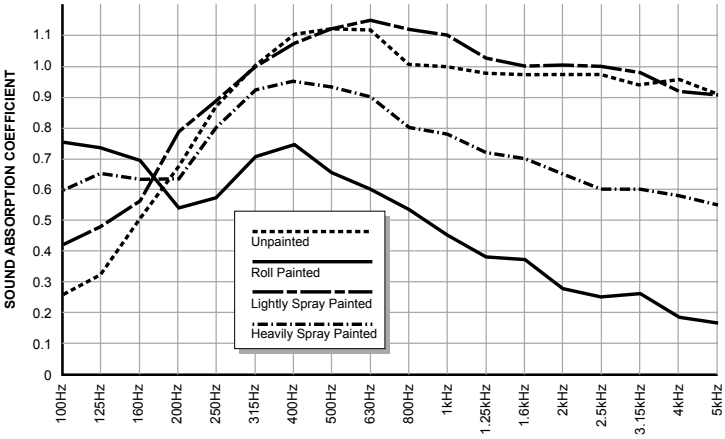
| | |
|---|---|
| **CORE MATERIAL** | Formed, semi-rigid inorganic glass fibers, 6.0lbs pcf (96 kg/m3) |
| **FACING** | Fiberglass tissue micro mesh sealed with water based latex paint |
| **BACKING** | Sealed with acoustically transparent micro-mesh |
| **EDGE TREATMENT** | Resin hardened with painted fiberglass facing |
| **COLOR** | Absolute White |
| **RECYCLED CONTENT** | Up to 40% |
| **LEAD ELIGIBLE** | **Yes** |

## ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data for 2" (51mm) panels

| | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| Unpainted | 0.32 | 0.87 | 1.11 | 1.04 | 0.96 | 0.96 | 1.00 |
| Rolled Paint | .074 | 0.58 | 0.66 | 0.45 | 0.25 | 0.17 | 0.50 |
| Light Spray Paint | 0.48 | 0.89 | 1.12 | 1.10 | 1.00 | 0.92 | 1.05 |
| Heavy Spray Paint | 0.65 | 0.80 | 0.93 | 0.78 | 0.65 | 0.58 | 0.79 |

* Testing performed by Riverbank Acoustical Laboratories. The test method conform 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 CLASS | SMOKE DENSITY CLASS |
|---|---|---|---|
| ASTM E84-11b | 1 OR A | 10 | 4 |
| CAN/UL-S102-10 | N/A | 10 | 0 |
| EN 13823 | B | d0 | s2 |

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## PRODUCT RANGE:

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

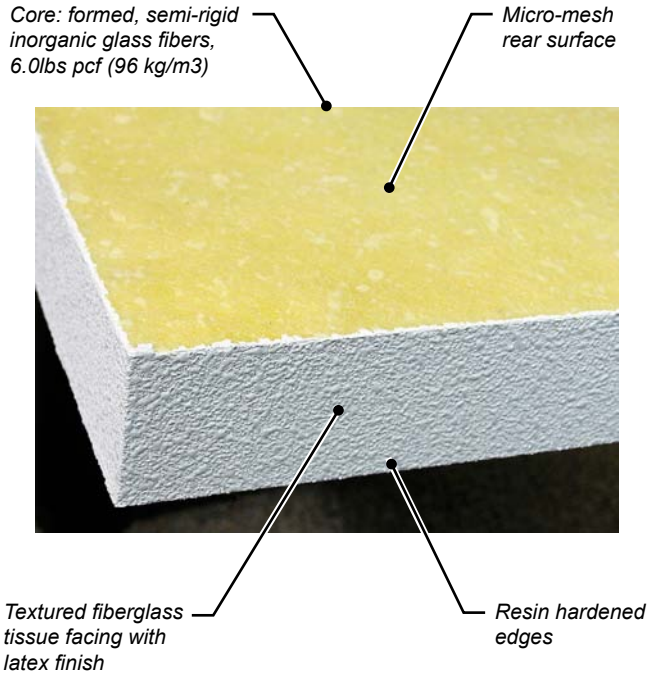
| ORDER NO. | Thickness | EDGE | Weight / per | BOX QTY. |
|---|---|---|---|---|
| P102-2424-09 | 2" (51mm) | Square | 4.25 lbs / 1.9 kg | 6 |
| P122-2424-09 | 2" (51mm) | Beveled | 4.25 lbs / 1.9 kg | 6 |

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

| ORDER NO. | Thickness | EDGE | Weight / per | BOX QTY. |
|---|---|---|---|---|
| P122-1248-09 | 2" (51mm) | Beveled | 4.25 lbs / 1.9 kg | 6 |

24" x 48" (610mm x 1219mm)

| ORDER NO. | Thickness | EDGE | Weight / per | BOX QTY. |
|---|---|---|---|---|
| P101-2448-09 | 1" (25mm) | Square | 8.5 lbs / 3.9 kg | 6 |
| P102-2448-09 | 2" (51mm) | Square | 8.5 lbs / 3.9 kg | 3 |
| P122-2448-09 | 2" (51mm) | Beveled | 8.5 lbs / 3.9 kg | 3 |



# LONDON 8™ ROOM KIT

The London 8™ room kit is designed for rooms up to 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 to any room.

The Room Kit contains select Broadway panels to tackle problems such as primary reflections, flutter echo, and standing waves. 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, gray. 12 panels included.

In addition to acoustic panels, each London 8 room kit comes equipped with corresponding mounting hardware and instructions for easy installation.

## SPECIFICATIONS:

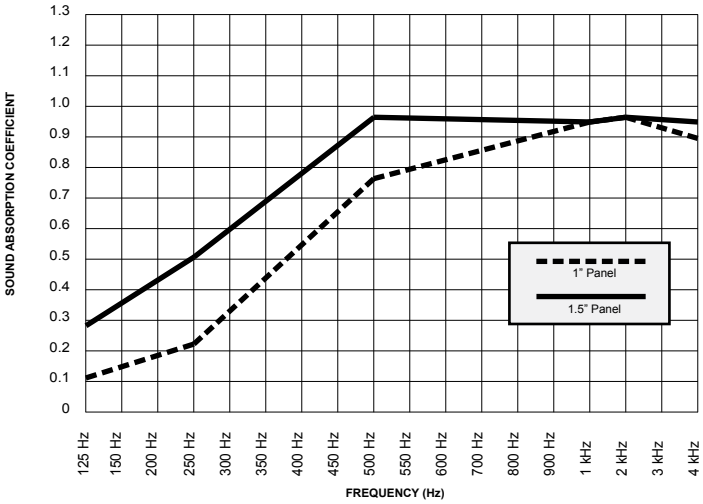
| | |
|---|---|
| **ORDER NUMBER** | Z900-0105-XX (xx denotes color code 00=Black; 03= Beige; 08=Grey) |
| **SURFACE COVERAGE** | 20 sq/ft (1.85 sq/m) |
| **PANEL SIZES & QUANTITY** | **Four** - 12" (305mm) x 36" (914mm) x 1.5" (38mm) (beveled edge) |
| | **Eight** - 12" (305mm) x 12" (305mm) x 1" (25mm) (beveled edge) |
| **MOUNTING IMPALERS** | **Sixteen** - Surface impaler clips |
| **RECYCLED CONTENT** | Up to 40% |
| **LEED ELIGIBLE** | Yes |

## ABSORPTION CHARACTERISTICS:

Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz |
|---|---|---|---|---|---|---|
| 1" (25mm) Depth* | 0.17 | 0.28 | 0.81 | 1.00 | 1.02 | 0.95 |
| 1.5" (38mm) Depth** | 0.31 | 0.56 | 1.01 | 1.00 | 1.01 | 1.00 |

* Testing performed by Riverbank Acoustical Laboratories. The test method conform 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 | 10 - 20 FSI | 145 - 200 SD |
| CAN/UL-S102 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |

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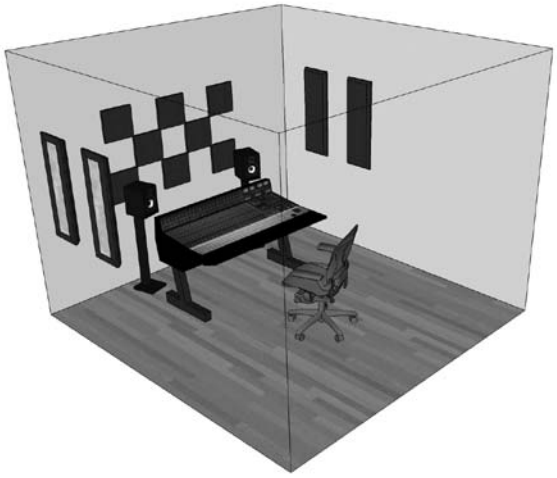
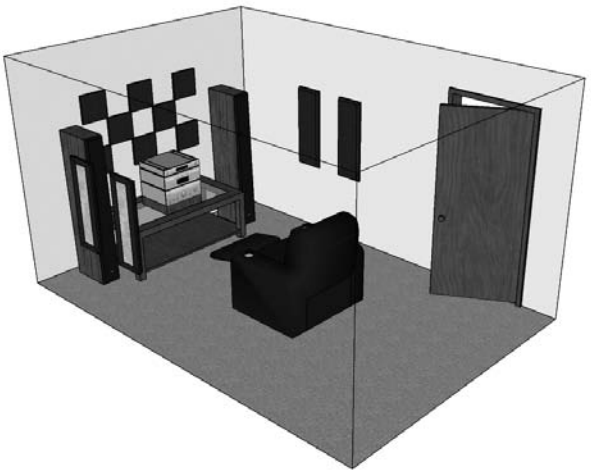
## RECORDING STUDIO APPLICATION:



## HOME THEATER APPLICATION:

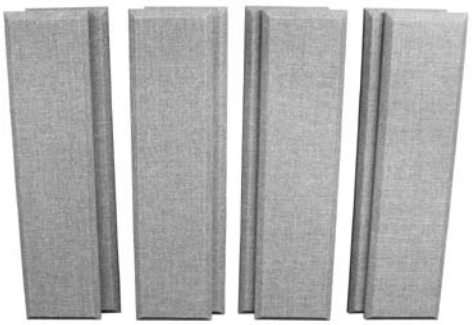


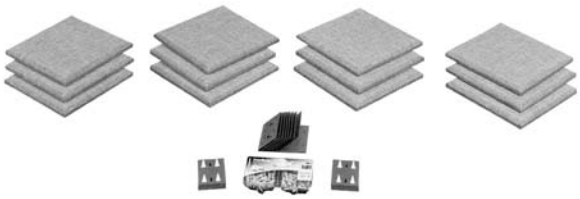
# LONDON 10™ ROOM KIT

The London 10™ room kit is designed for rooms up to approximately 120 sq ft (11.1 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:

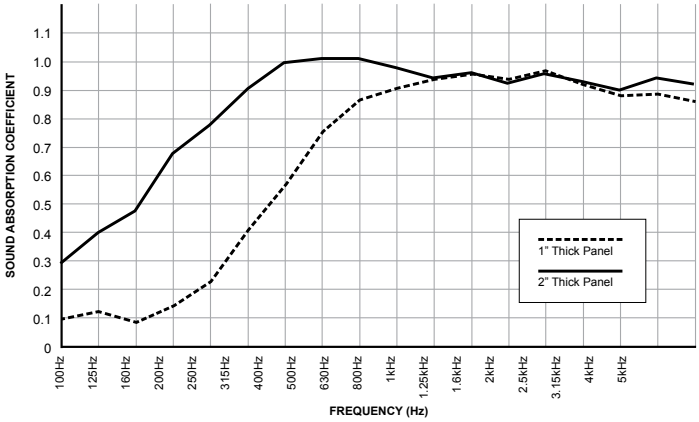
| | |
|---|---|
| ORDER NUMBER | Z900-0100-XX (xx denotes color code 00=Black; 03= Beige; 08=Grey) |
| SURFACE COVERAGE | 44 sq/ft (4.1 sq/m) |
| PANEL SIZES & QUANTITY | **Eight** - 12" (305mm) x 48" (1219mm) x 2" (50mm) (beveled edge) |
| | **Twelve** - 12" (305mm) x 12" (305mm) x 1" (25mm) (square edge) |
| MOUNTING IMPALERS | **Twenty Eight** - Surface impaler clips |
| RECYCLED CONTENT | Up to 40% |
| LEED ELIGIBLE | Yes |

### ABSORPTION CHARACTERISTICS:

Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| 1"(25mm) Depth* | 0.17 | 0.28 | 0.81 | 1.00 | 1.02 | 0.95 | 0.80 |
| 2"(50mm) Depth* | 0.45 | 0.83 | 1.07 | 1.00 | 1.01 | 1.00 | 1.00 |

* Testing performed by Riverbank Acoustical Laboratories. The test method conform 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 | 10 - 20 FSI | 145 - 200 SD |
| CAN/UL-S102 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |

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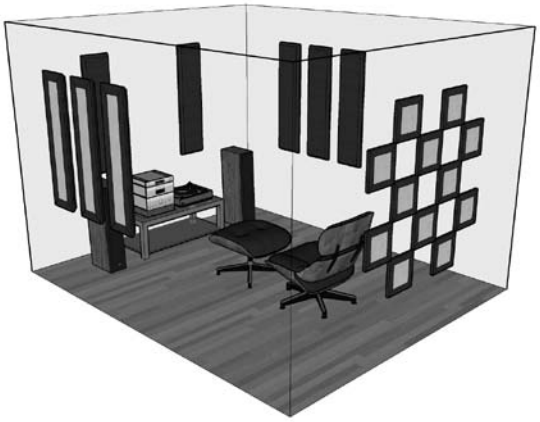
### RECORDING STUDIO APPLICATION:

### HOME THEATER APPLICATION:

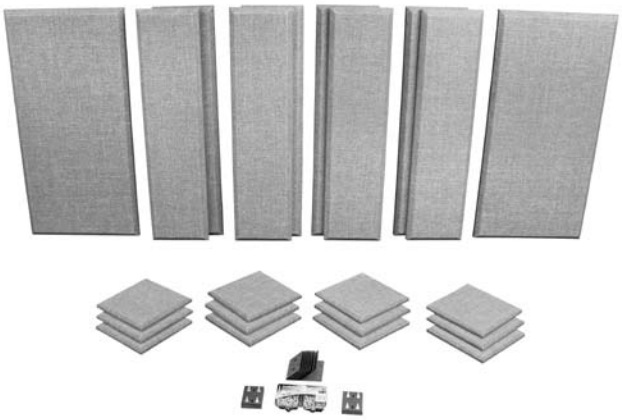


# LONDON 12™ ROOM KIT

The London 12™ room kit is designed for rooms up to 150 sq ft (13.9 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:

| | |
|---|---|
| **ORDER NUMBER** | Z900-0120-XX (xx denotes color code 00=Black; 03= Beige; 08=Grey) |
| **SURFACE COVERAGE** | 60 sq/ft (5.6 sq/m) |
| **PANEL SIZES & QUANTITY** | **Two** - 24" (610mm) x 48" (1219mm) x 2" (51mm) (square edge) |
| | **Eight** - 12" (305mm) x 48" (1219mm) x 2" (51mm) (beveled edge) |
| | **Twelve** - 12" (305mm) x 12" (305mm) x 1" (25mm) (square edge) |
| **MOUNTING IMPALERS** | **Twenty eight** - Surface impaler clips; **Eight** - Corner impaler clips |
| **RECYCLED CONTENT** | Up to 40% |
| **LEED ELIGIBLE** | Yes |

## ABSORPTION CHARACTERISTICS:

Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| 1" (25mm) Depth* | 0.17 | 0.28 | 0.81 | 1.00 | 1.02 | 0.95 | 0.80 |
| 2" (51mm) Depth* | 0.45 | 0.83 | 1.07 | 1.00 | 1.01 | 1.00 | 1.00 |
| 2" (51mm) Depth (corner mounted**) | 0.68 | 1.2 | 1.07 | 1.00 | 1.01 | 1.00 | 1.00 |

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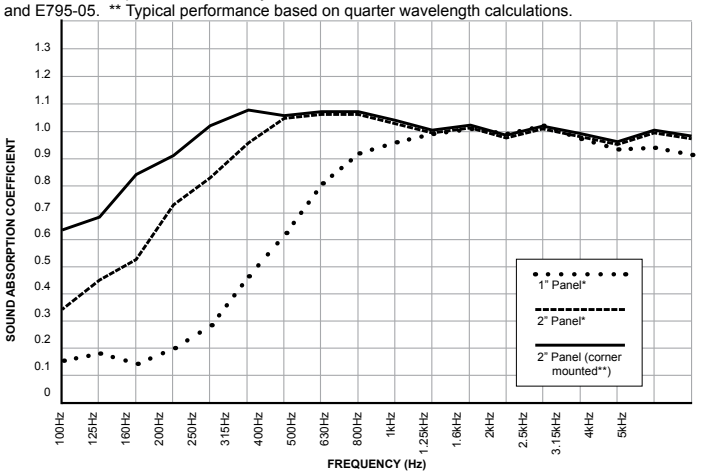


## FIRE & BURN PERFORMANCE:***

| TEST | CLASS | FLAME SPREAD | SMOKE DENSITY |
|---|---|---|---|
| ASTM E 84-05 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |
| CAN/UL-S102 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |

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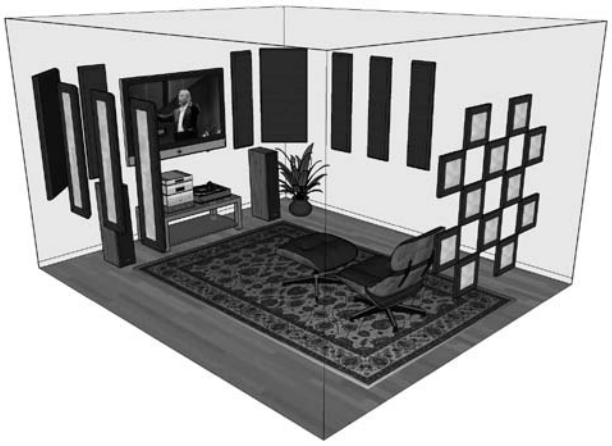
## RECORDING STUDIO APPLICATION:

## HOME THEATER APPLICATION:



# LONDON 16™ ROOM KIT

The London 16™ room kit is designed for rooms up to 200 sq ft (18.6 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.

## SPECIFICATIONS:

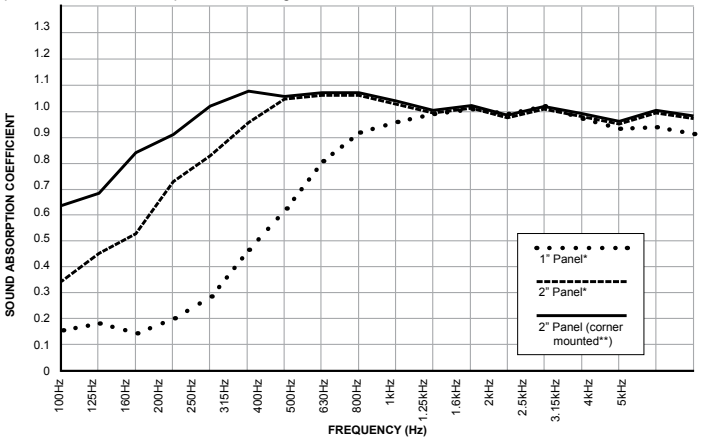
| | |
|---|---|
| **ORDER NUMBER** | Z900-0160-XX (xx denotes color code 00=Black; 03= Beige; 08=Grey) |
| **SURFACE COVERAGE** | 120 sq/ft (11.2 sq/m) |
| **PANEL SIZES & QUANTITY** | **Six** - 24" (610mm) x 48" (1219mm) x 2" (51mm) (square edge) |
| | **Twelve** - 12" (305mm) x 48" (610mm) x 2" (51mm) (beveled edge) |
| | **Twenty-Four** - 12" (305mm) x 12" (305mm) x 1" (25mm) (square edge) |
| **MOUNTING IMPALERS** | **Fifty-Six** - Surface impaler clips; **Sixteen** - Corner impaler clips |
| **RECYCLED CONTENT** | Up to 40% |
| **LEED ELIGIBLE** | Yes |

## ABSORPTION CHARACTERISTICS:

Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| 1" (25mm) Depth* | 0.17 | 0.28 | 0.81 | 1.00 | 1.02 | 0.95 | 0.80 |
| 2" (51mm) Depth* | 0.45 | 0.83 | 1.07 | 1.00 | 1.01 | 1.00 | 1.00 |
| 2" (51mm) 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 conform 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.

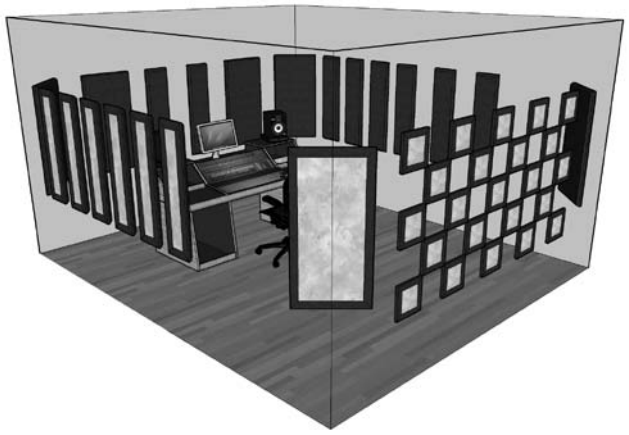



## FIRE & BURN PERFORMANCE:***

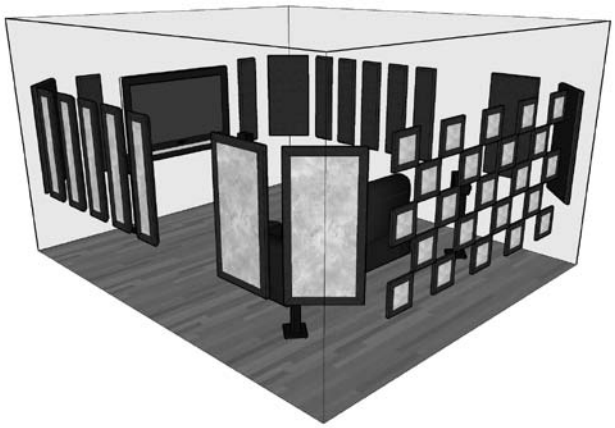
| TEST | CLASS | FLAME SPREAD | SMOKE DENSITY |
|---|---|---|---|
| ASTM E 84-05 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |
| CAN/UL-S102 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |

*** This method, designated as ASTM E 84-09, "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:

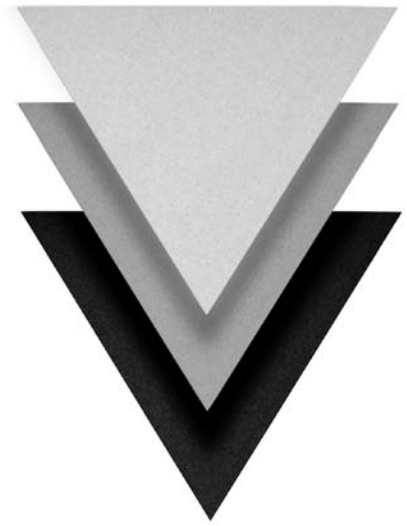


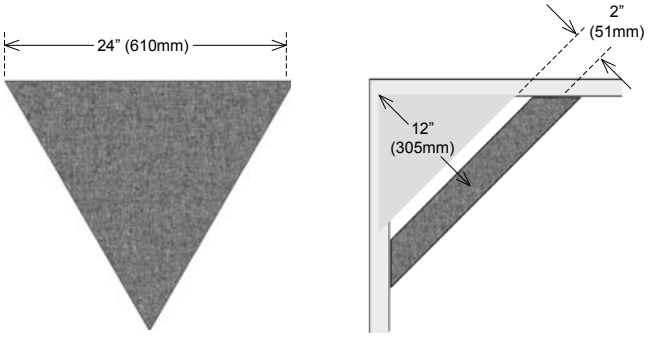
# CUMULUS™

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. The Cumulus is available in 3 colors: black, gray and beige. Sold in pairs.






## SPECIFICATIONS:

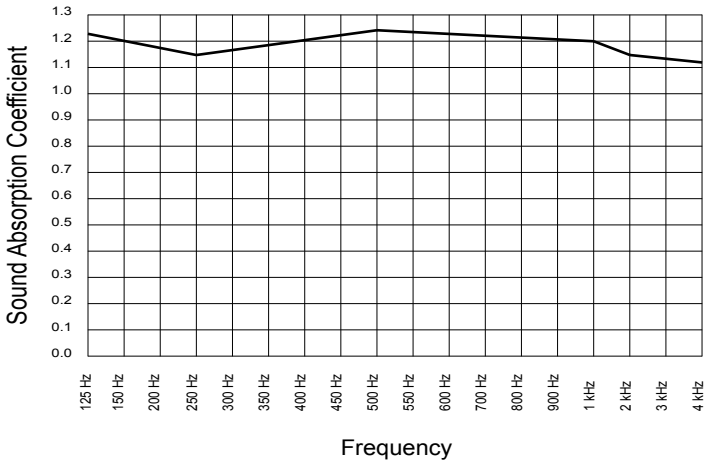
| | |
|---|---|
| **ORDER NUMBER** | Z840-1210-XX (xx denotes color code 00=Black; 03= Beige; 08=Grey) |
| **DIMENSIONS** | 24" (610mm) x 24" (610mm) x 24" (610mm) |
| **PANEL DEPTH** | 2" (51mm) |
| **CORE MATERIAL DENSITY** | Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3) |
| **WEIGHT** | 1.65 lbs / .75 kg |
| **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% |
| **LEED ELIGIBLE** | Yes |

## ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz |
|---|---|---|---|---|---|---|
| 2" (51mm) Depth | 1.23 | 1.15 | 1.24 | 1.2 | 1.14 | 1.11 |

* Testing performance based on Broadway panel test results and 1/4 wavelength calculations.




## FIRE & BURN PERFORMANCE:**

| TEST | CLASS | FLAME SPREAD | SMOKE DENSITY |
|---|---|---|---|
| ASTM E 84-05 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |
| CAN/UL-S102 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |

** This method, designated as ASTM E 84-09, "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.

## APPLICATION:

## MOUNTING:

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

# LONDON BT™

The London BT™ kit consists of two 24" x 48" 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 BT kit is constructed from fabric wrapped, high-density glass wool Broadway panels. When installed in the room corner, 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:**

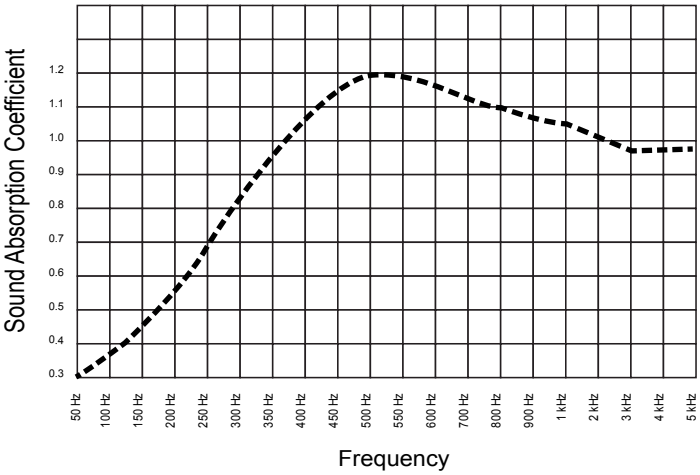
| | |
|---|---|
| **ORDER NUMBER** | Z840-1212-XX (xx denotes color code 00=Black; 03= Beige; 08=Grey) |
| **DIMENSIONS** | 24" (610mm) x 48" (1219mm) |
| **PANEL DEPTH** | 2" (51mm) |
| **CORE MATERIAL DENSITY** | Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3) |
| **WEIGHT** | 8.25 lbs / 3.8 kg |
| **FABRIC FACING** | Acoustically transparent polyester |
| **BACKING** | Sealed with acoustically transparent micro-mesh |
| **EDGE TREATMENT** | Sealed and hardened with resin |
| **RECYCLED CONTENT** | Up to 40% |
| **LEED ELIGIBLE** | Yes |

**ABSORPTION CHARACTERISTICS:***

Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | 5kHz |
|---|---|---|---|---|---|---|---|
| 17" Corner Cavity | 0.4 | 0.68 | 1.2 | 1.07 | 1.00 | 1.01 | 1.00 |

* Testing performance based on Broadway panel test results and 1/4 wavelength calculations.




**FIRE & BURN PERFORMANCE:****

| TEST | CLASS | FLAME SPREAD | SMOKE DENSITY |
|---|---|---|---|
| ASTM E 84-05 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |
| CAN/UL-S102 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |

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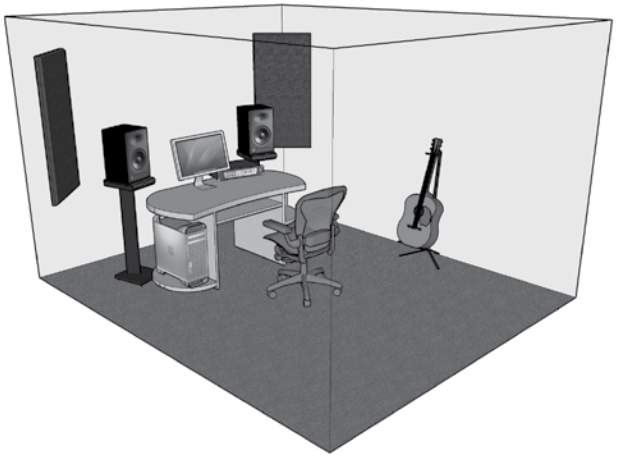
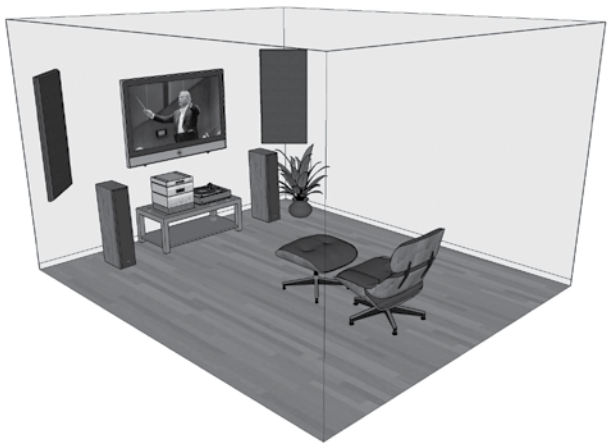
**London BT in the Studio:**



**London BT in the Home:**



# FULLTRAP™

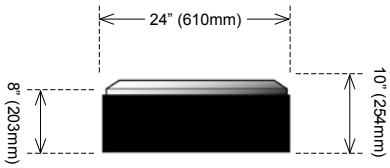
The FullTrap™ is a combination broadband absorber and bass trap that is mounted on a wall surface to control excessive bass in a room. This is achieved by combining three acoustical principles into a single device.

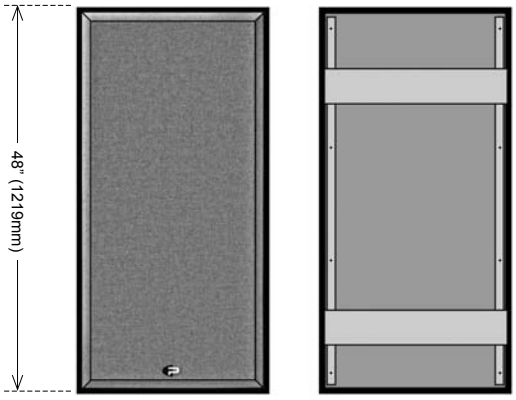
To handle mid-range and upper frequencies, a 3" thick front absorptive panel made from 6 lbs. per cubic foot high-density encapsulated fiberglass is employed. Behind the acoustic panel is a diaphragmatic dense-mass membrane that acts as a low frequency resonator to absorb bass below 75Hz. Behind the 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 costs. 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.

**SPECIFICATIONS:**

| | |
|---|---|
| **ORDER NUMBER** | Z840-1100-xx (xx denotes color code 00=Black; 03= Beige; 08=Grey) |
| **FRAME MATERIAL** | Black melamine laminated MDF |
| **DIMENSIONS** | 24" (610mm) x 48" (1219mm) x 8" (203mm) |
| **PANEL MATERIAL** | Formed, semirigid inorganic glass fibers, 6.0 pcf. (96 kg/m3) |
| **WEIGHT (ASSEMBLED)** | 39.7 lbs (18 kg) |
| **FABRIC FACING** | Acoustically transparent polyester |
| **DIAPHRAGMATIC MEMBRANE** | Loaded vinyl, 1 pcf (16 kg/m3) |
| **RECYCLED CONTENT** | Over 50% |
| **LEED ELIGIBLE** | Yes |




**CORNER MOUNTING ABSORPTION CHARACTERISTICS*:**

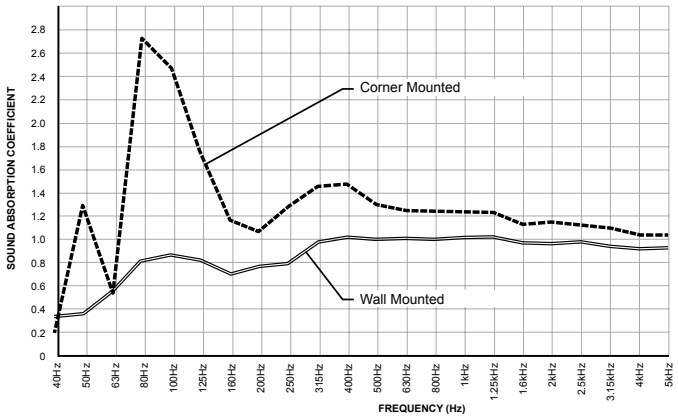
Sound absorption coefficient data

| 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 |

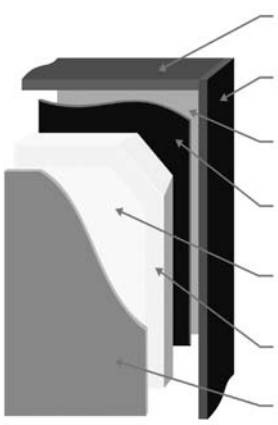
**WALL MOUNTING ABSORPTION CHARACTERISTICS*:**

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.

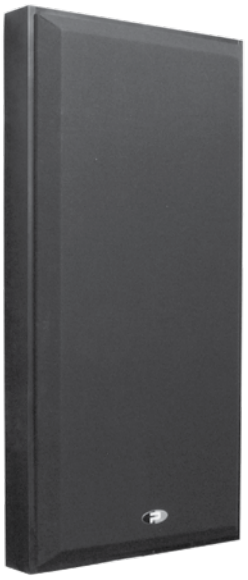
PRIMACOUSTIC®

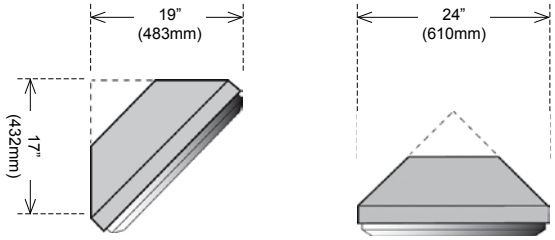
# MAXTRAP™

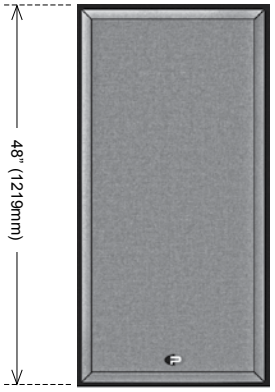
Primacoustic MaxTrap is a combination broadband absorber and bass trap that is corner-mounted to control excessive bass in a room. This is achieved by combining three acoustical principles into a single device.

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 costs. 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:

| | |
|---|---|
| **ORDER NUMBER** | Z840-1110-xx (xx denotes color code 00=Black; 03= Beige; 08=Grey) |
| **FRAME MATERIAL** | Black melamine laminated MDF |
| **DIMENSIONS** | 24" (610mm) x 48" (1219mm) x 19" (483mm) (See detail dimensions) |
| **PANEL MATERIAL** | Formed, semirigid inorganic glass fibers, 6.0 pcf. (96 kg/m3) |
| **WEIGHT (ASSEMBLED)** | 43.6 lbs (19.8 kg) |
| **FABRIC FACING** | Acoustically transparent polyester |
| **DIAPHRAGMATIC MEMBRANE** | Loaded vinyl, 1 lbs. per square foot |
| **RECYCLED CONTENT** | Over 50% |
| **LEED ELIGIBLE** | Yes |

## CORNER MOUNTING ABSORPTION CHARACTERISTICS*:

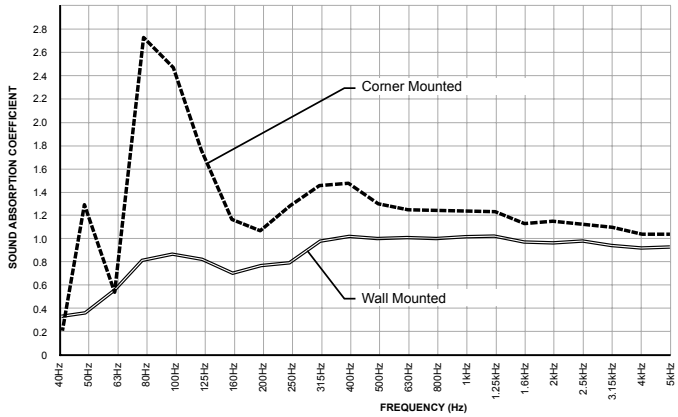
Sound absorption coefficient data

| 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.

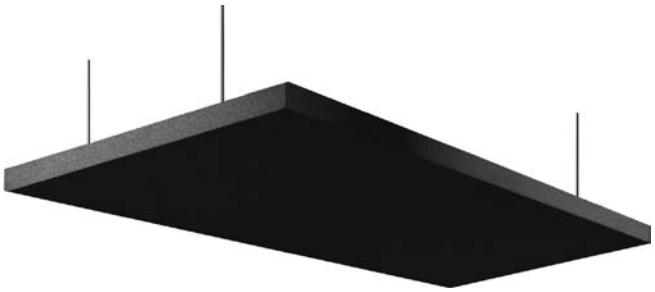
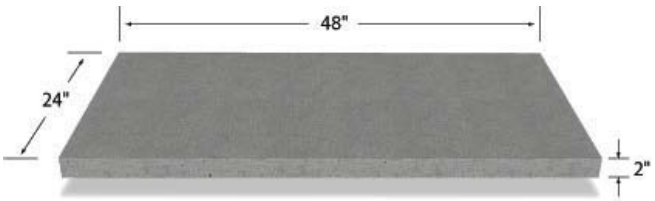


*Photo shows typical Nimbus Cloud Kit Mounting.*

## SPECIFICATIONS:

| | |
|---|---|
| **ORDER NUMBER** | Z840-1205-XX (xx denotes color code 00=Black; 03= Beige; 08=Grey) |
| **DIMENSIONS** | 24” (610mm) x 48” (1219mm) |
| **PANEL DEPTH** | 2” (51mm) |
| **CORE MATERIAL DENSITY** | Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3) |
| **WEIGHT** | 8.3 lbs (3.8 kg) |
| **FABRIC FACING** | Acoustically transparent polyester |
| **BACKING** | Sealed with acoustically transparent micro-mesh |
| **EDGE TREATMENT** | Sealed and hardened with resin |
| **RECYCLED CONTENT** | Up to 40% |
| **LEED ELIGIBLE** | Yes |




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

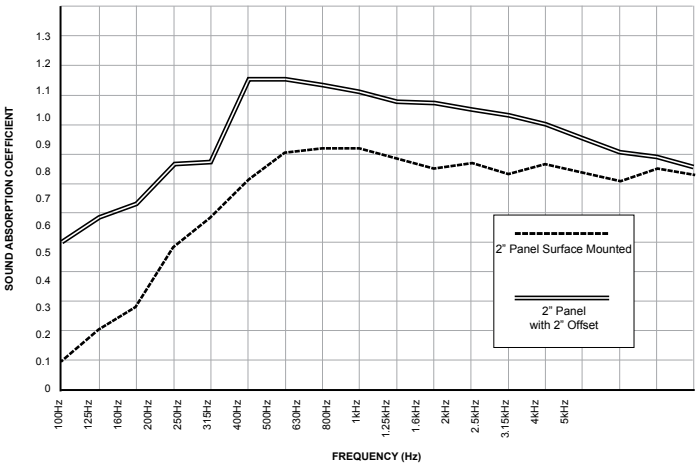
## ABSORPTION CHARACTERISTICS**:

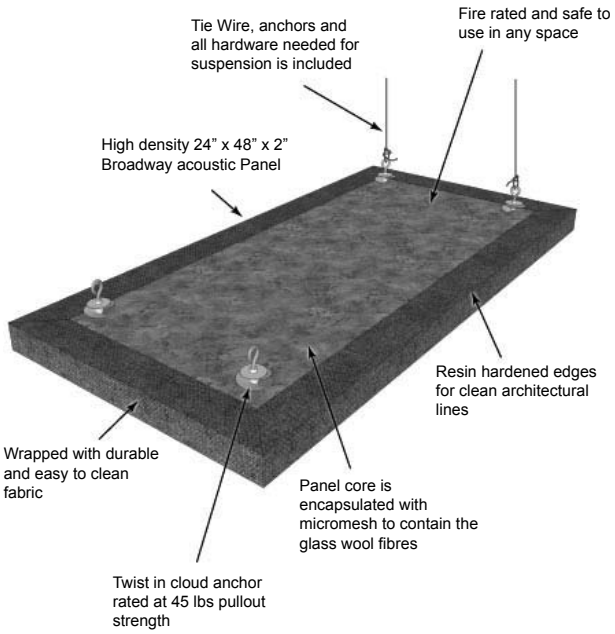
Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| 2” (51mm) Depth* | 0.45 | 0.83 | 1.07 | 1.00 | 1.01 | 1.00 | 1.00 |
| 2” (51mm) Offset 2” *** | .051 | .90 | 1.17 | 1.12 | 1.12 | 1.08 | 1.10 |

** Testing performed by Riverbank Acoustical Laboratories. The test method conform 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 |
|---|---|---|---|
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# 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:

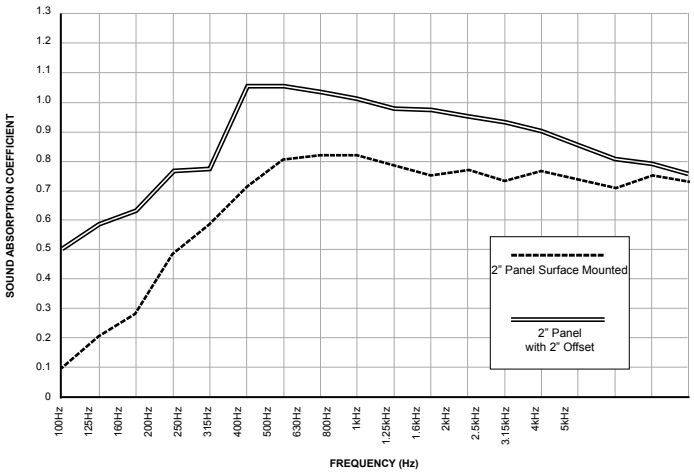
| | |
|---|---|
| **ORDER NUMBER** | Z840-1200-XX (xx denotes color code 00=Black; 03= Beige; 08=Grey) |
| **FRAME MATERIAL** | Formed 16 gauge aluminium |
| **DIMENSIONS** | 24” (610mm) x 48” (1219mm) |
| **PANEL DEPTH** | 2” (51mm) |
| **CORE MATERIAL DENSITY** | Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3) |
| **WEIGHT** | 11.5 lbs (5.2 kg) |
| **FABRIC FACING** | Acoustically transparent polyester |
| **BACKING** | Sealed with acoustically transparent micro-mesh |
| **EDGE TREATMENT** | Sealed and hardened with resin |
| **RECYCLED CONTENT** | Up to 40% |
| **LEED ELIGIBLE** | Yes |

## ABSORPTION CHARACTERISTICS**:

Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| 2” (51mm) Depth* | 0.45 | 0.83 | 1.07 | 1.00 | 1.01 | 1.00 | 1.00 |
| 2” (51mm) Offset 2” *** | .051 | .90 | 1.17 | 1.12 | 1.12 | 1.08 | 1.10 |

** Testing performed by Riverbank Acoustical Laboratories. The test method conform 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.

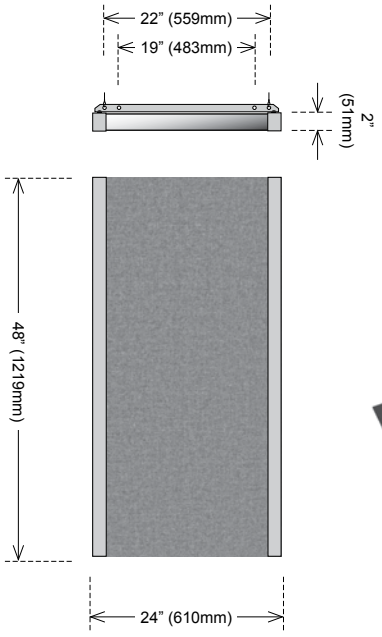



## FIRE & BURN PERFORMANCE:***

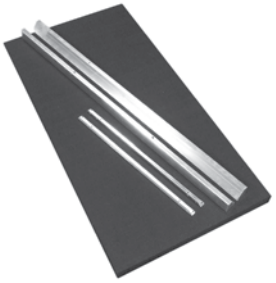
| TEST | CLASS | FLAME SPREAD | SMOKE DENSITY |
|---|---|---|---|
| ASTM E 84-05 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |
| CAN/UL-S102 | 1 OR A | 10 - 20 FSI | 145 - 200 SD |

*** 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.

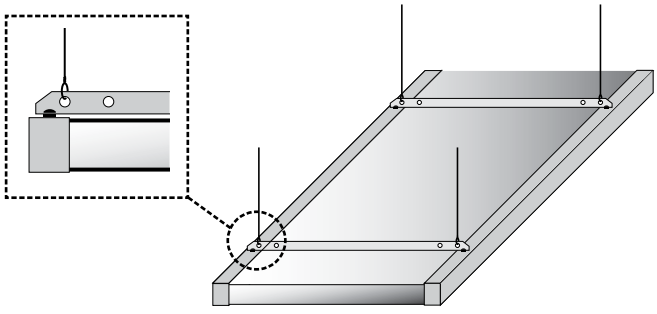
*Photo shows three Stratus Cloud Kits above mixing console.*




**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™ + SATURNA LP

The Primacoustic Saturna™ is a high performance acoustic baffle that is designed to be suspended perpendicular to 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 an attractive appearance are equally important. For the lower ceilings found in community halls, office spaces and retail facilities, the low profile Saturna LP provides the same control without sacrificing ceiling height.

The Saturna is made from high-density 6lb per cubic foot fiberglass, 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 fire rated polyester straps and grommets, ceiling anchors, eye screws and hanging wires making it ready to install right out of the box. The Saturna is available in three fabric colors: black, beige and gray.

## SPECIFICATIONS:

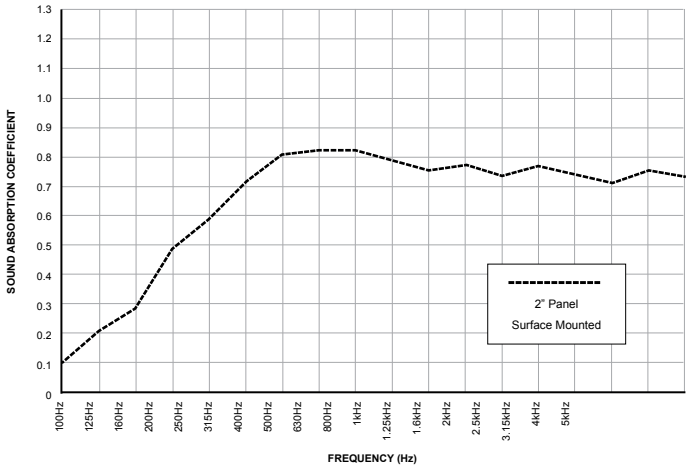
| | |
|---|---|
| **ORDER NUMBER** | Z840-1215-XX LP: Z840-1220-XX |
| **COLOR CODE** | Black=00, Beige=03, Grey=08 |
| **DIMENSIONS** | Saturna: 24" (610mm) x 48" (1219mm)<br>Saturna LP: 12" (305mm) x 48" (1219mm) |
| **THICKNESS** | 2" (51mm) |
| **CORE MATERIAL** | Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3) |
| **WEIGHT** | Saturna: 10.5 lbs (4.8 kg) |
| | Saturna L.P.: 5.4 lbs (2.4 kg) |
| **FABRIC FACING** | Acoustically transparent polyester tweed |
| **MOUNTING** | Fire rated polyester web straps with brass grommets |
| **RECYCLED CONTENT** | Up to 40 % |
| **LEED ELIGIBLE** | Yes |

## ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz |
|---|---|---|---|---|---|---|
| 2" (51mm) Depth | 0.45 | .083 | 1.07 | 1.00 | 1.01 | 1.00 |

* Testing performed by Riverbank Acoustical Laboratories. The test method conform 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 | 10 - 20 FSI | 145 - 200 SD |
| CAN/UL-S102 | 1 OR A | 10 - 20 FSI | 145 - 200 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.

## INDUSTRIAL PLANT

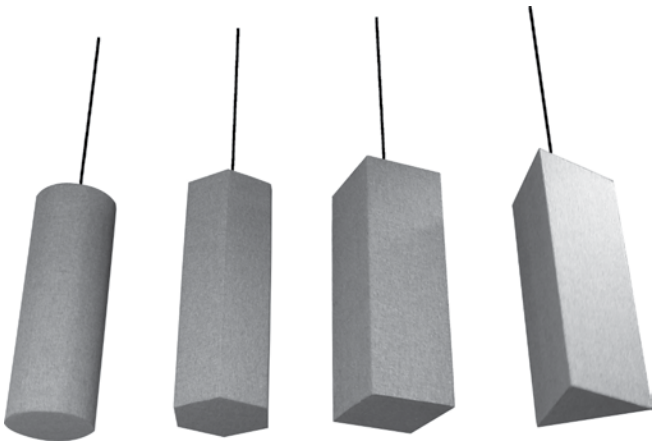
## CONVENTION CENTER:

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

# 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 utmost importance.

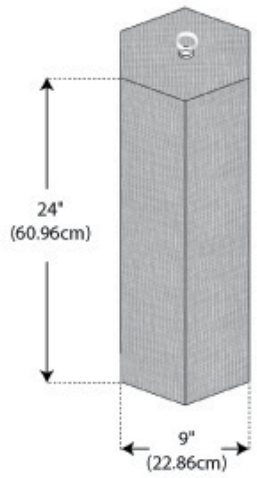
Available in a choice of four styles, each Lantern is made from high-density 6lb per cubic foot glass wool for maximum absorption. Each Lantern is 24" (610mm) tall and averages 8" (203mm) in diameter. Installation is accomplished using a standard T-bar ceiling tie wire, cable or chain. Acoustic Lanterns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



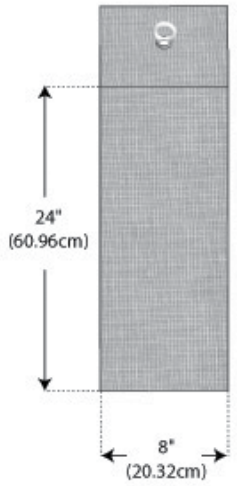
**Fiesta** **Dragon** **Shoji** **Tiki**

### SPECIFICATIONS:

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




weight: 4.1 lbs (1.9 kg)



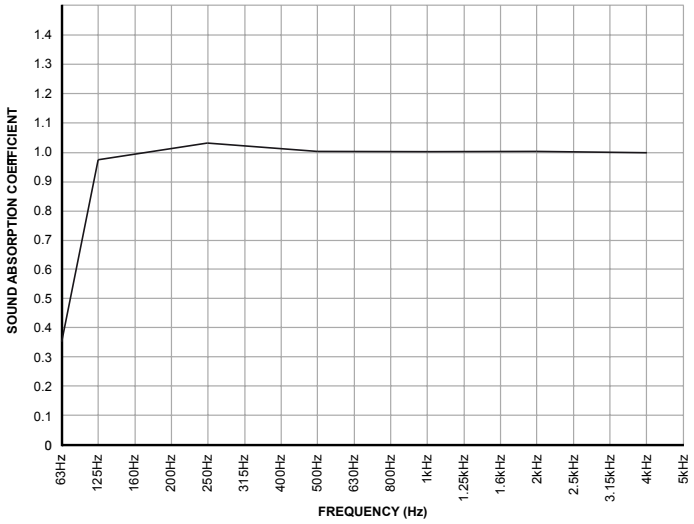

weight: 4 lbs (1.8 kg)

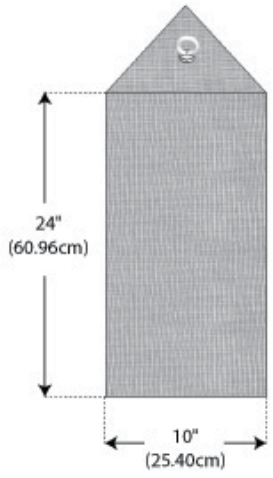
### ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

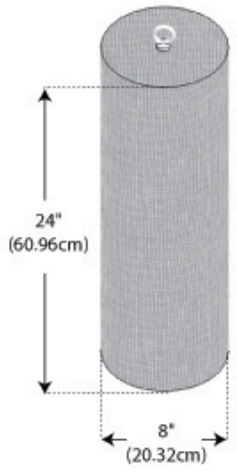
| PANEL DEPTH | 63Hz | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz |
|---|---|---|---|---|---|---|---|
| 8" (20.3cm) Depth | 0.35 | .98 | 1.05 | 1.02 | 1.0 | 1.02 | 1.01 |

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




weight: 3.6 lbs (1.6 kg)




weight: 3 lbs (1.4 kg)

### 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.

# 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.

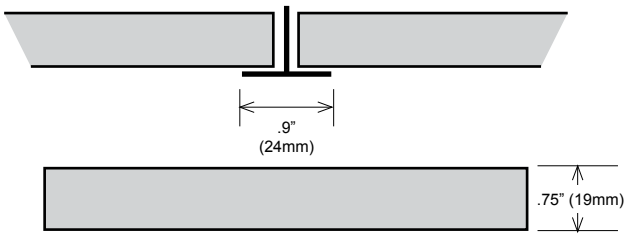
## SPECIFICATIONS:

| | |
|---|---|
| CORE MATERIAL | Formed, semirigid inorganic glass fibers |
| FACING | Fiberglass tissue micro mesh sealed with water based latex paint |
| BACKING | Foil |
| COLOR | Absolute White, Black |
| GRID SPACING | 15/16", T24 (24mm grid) |
| GRID SIZES | 2' x 2' (61cm x 61cm) and 4' x 2' (122cm x 61cm) |
| NOISE REDUCTION COEFFICIENT | 0.95 |
| CEILING ATTENTUATION CLASS | 26 |
| LIGHT REFLECTANCE | 0.84 |
| RECYCLED CONTENT | Up to 40% |
| LEED ELIGIBLE | Yes |

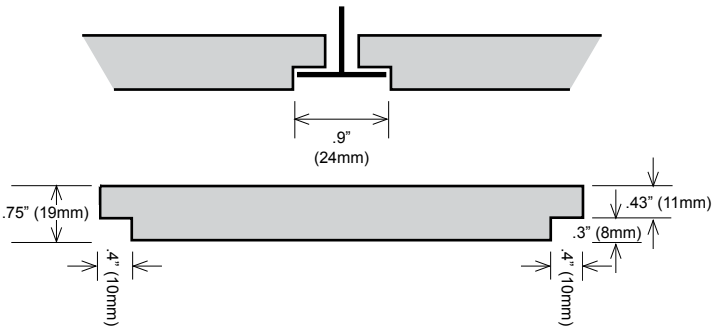
## DIMENSIONS:

| ORDER NO. | DESCRIPTION | SIZE | WEIGHT | DEPTH | EDGE | BOX QTY. |
|---|---|---|---|---|---|---|
| P210-2424-00 | 2' x 2' Trim | 23.75" x 23.75" (603mm x 603.mm) | 1.9 lbs (0.9 kg) | 0.75" (19mm) | Trim | 12 |
| P211-2424-00 | 2' x 2' Reveal | | | | Reveal | 12 |
| P210-2448-00 | 4' x 2' Trim | 47.75" x 23.75" (1213mm x 603mm) | 3.8 lbs (1.8 kg) | 0.75" (19mm) | Trim | 6 |

Trim edge treatment.




Reveal edge treatment.

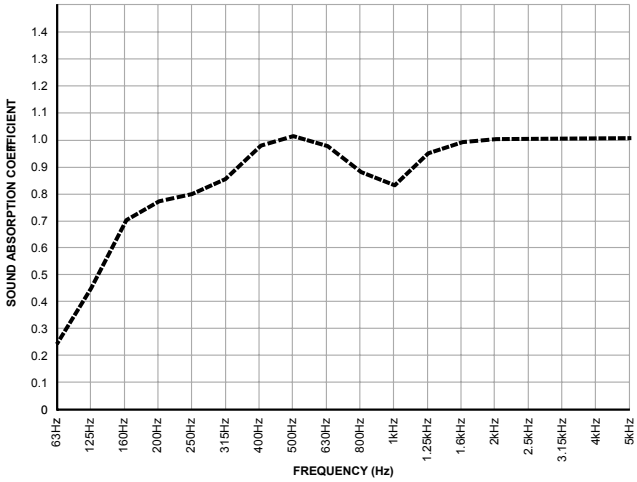



## ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| 3/4" (19mm) Depth | 0.45 | 0.80 | 1.00 | 0.90 | 1.00 | 1.00 | 1.00 |

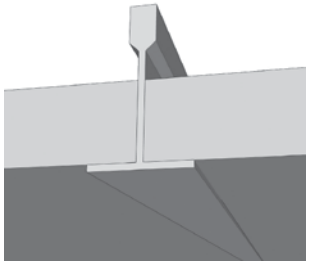
* Testing performed by Muller - BBM. The test method conform explicitly with the requirements of the ISO 354 measurment of sound absorption in a reverberation room and ISO 11654.



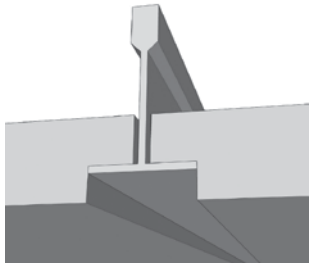

## FIRE & BURN PERFORMANCE:

| 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 | B | | |

**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.



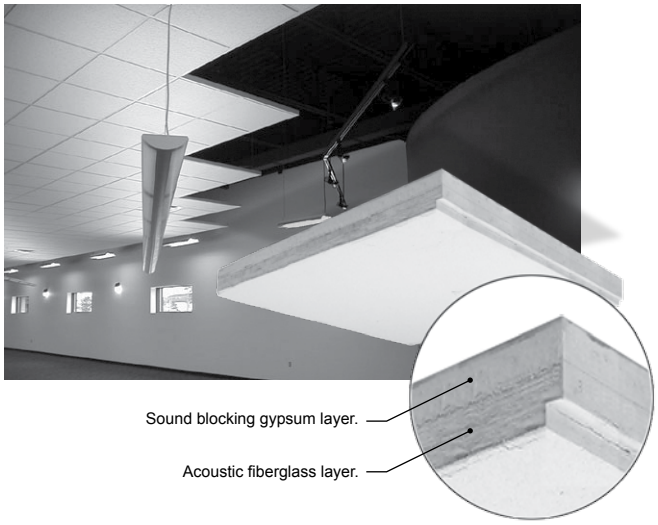
Reveal edge treatment.

PRIMACOUSTIC®

# 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.



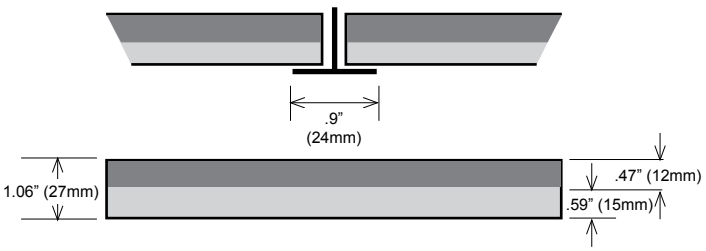

## SPECIFICATIONS:

| | |
|---|---|
| CORE MATERIAL | Formed, semirigid inorganic glass fibers, Gypsum |
| BACKING | 1/2" (12mm) gypsum board |
| FACING | Fiberglass tissue micro mesh sealed with water based latex paint |
| BACKING | Foil |
| COLOR | Absolute White |
| GRID SPACING | 15/16", T24 (24mm grid) |
| GRID SIZES | 2' x 2' (61cm x 61cm) and 4' x 2' (122cm x 61cm) |
| NOISE REDUCTION COEFFICIENT | .65 |
| CEILING ATTENTUATION CLASS | 40 |
| LIGHT REFLECTANCE | 0.84 |
| RECYCLED CONTENT | Up to 40% |
| LEED ELIGIBLE | Yes |

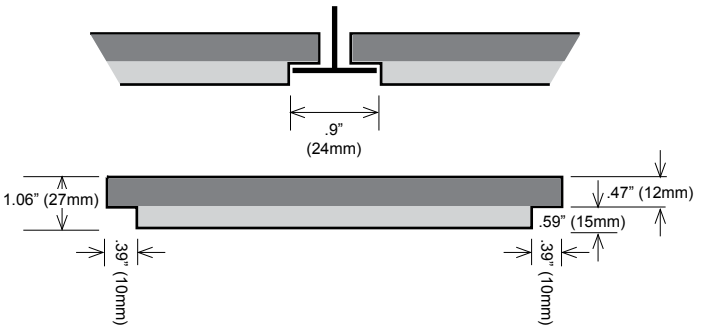
## DIMENSIONS:

| ORDER NO. | DESCRIPTION | HEIGHT | WEIGHT | DEPTH | EDGE | BOX QTY. |
|---|---|---|---|---|---|---|
| P200-2424-00 | 2' x 2' Trim | 23.75" x 23.75" (603mm x 603mm) | 8.9 lbs (4.0 kg) | 1" (27mm) | Trim | 8 |
| P201-2424-00 | 2' x 2' Reveal | | | | Reveal | 8 |
| P200-2448-00 | 4' x 2' Trim | 47.75" x 23.75" (1213mm x 603mm) | 12.8 lbs" (8.1 kg) | 1" (27mm) | Trim | 4 |

Trim edge treatment.




Reveal edge treatment.

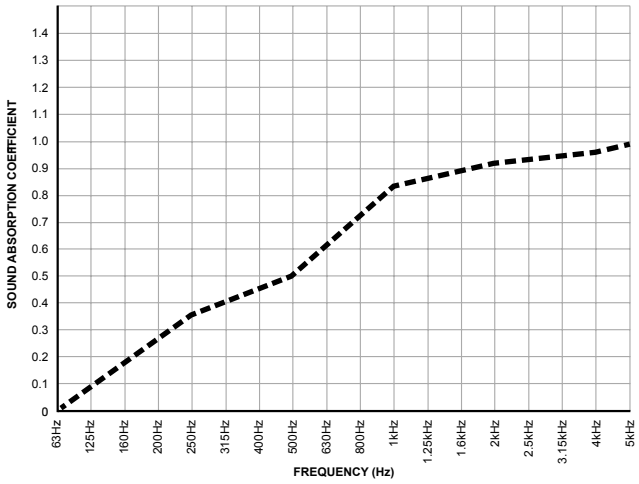



## ABSORPTION CHARACTERISTICS*:

Sound absorption coefficient data.

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| 3/4" (19mm) Depth | 0.10 | 0.35 | 0.5 | 0.84 | 0.94 | 0.97 | 0.73 |

* 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 | B | | |

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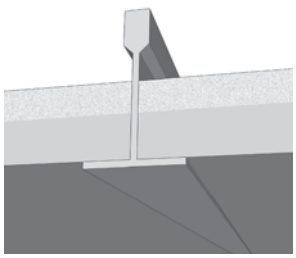
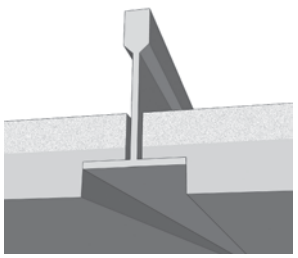
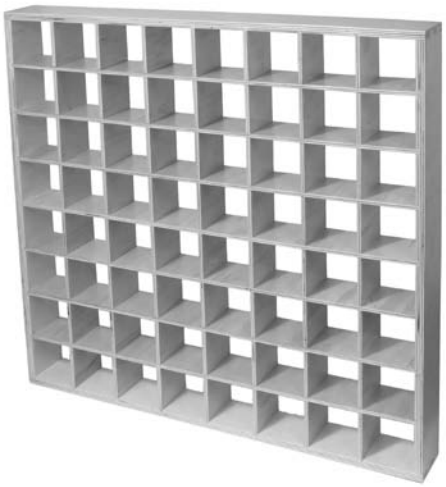


Trim edge treatment.



Reveal edge treatment.

# RADIATOR™



The Radiator™ is a 24” x 24” (61cm x 61cm) multi purpose diffuser used to break up high frequency sound energy in a variety of applications.

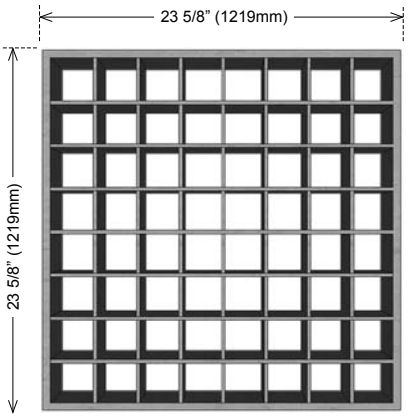
The Radiator can be installed into standard drop-ceiling grids to act as a portal to the plenum above, linked together and suspended from the ceiling using included coupling hardware or hung directly on the wall surface using hidden keyhole mounting locations on the frame. It can even be used in front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

The Radiator ships assembled in a natural birch finish.

**SPECIFICATIONS:**

| | |
|---|---|
| **ORDER NUMBER** | Z840-2500-00 |
| **EFFECTIVE FREQUENCY RANGE** | 565Hz to 2.2KHz |
| **OUTER FRAME MATERIAL** | Baltic Birch Plywood with locking dovetail corner joints. 0.5” (13mm) thick, Laquered natural wood finish |
| **INNER CELL MATERIAL** | Baltic Birch plywood 0.25” (6mm) thick. Laquered natural wood finish |
| **OUTER DIMENSION** | 23.74” (603mm) x 23.74” (603mm) x 3” (76mm)<br>Fits T-Bar drop ceiling grids |
| **CELL DIMENSION** | 2.64” (67mm) x 2.64” (67mm) x 3” (76mm) |
| **WEIGHT** | 8.2 lbs (3.7 kg) |
| **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. |

Clever ‘keyhole’ mounting hardware for fast wall mounting.





Solid construction using dovetail joinery and baltic birch plywood.

**APPLICATIONS:**

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" (61cm x 122cm x 20.3cm) 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 costs. Final assembly is performed on site using a household screwdriver. Building a FlexiFuser takes about 15 minutes from start to finish.

**SPECIFICATIONS:**

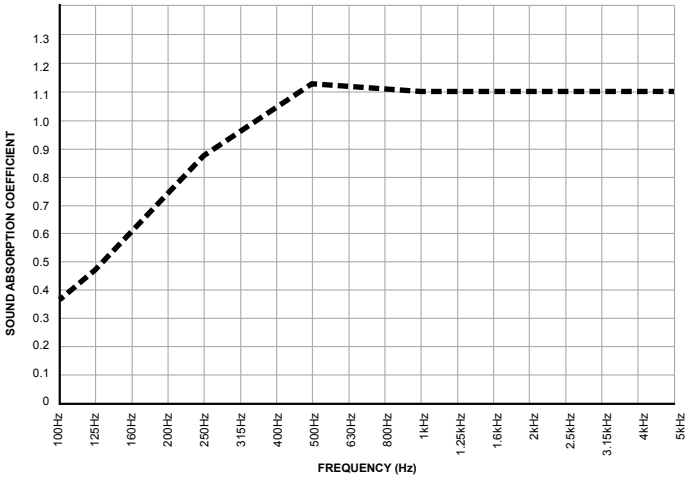
| | |
|---|---|
| **ORDER NUMBER** | Z840-1135-08 |
| **FRAME MATERIAL** | Black melamine laminated MDF outer & slats |
| **DIMENSIONS** | 24" (610mm) x 48" (1219mm) x 8" (203mm) |
| **PANEL MATERIAL** | Formed, semi-rigid inorganic glass fibers; 6.0 lbs. pcf. (96 kg/m3) |
| **WEIGHT ASSEMBLED** | 46.8 lbs (21.2 kg) |
| **FABRIC FACING** | Acoustically transparent polyester, Gray only |
| **LEED ELIGIBLE** | Yes |

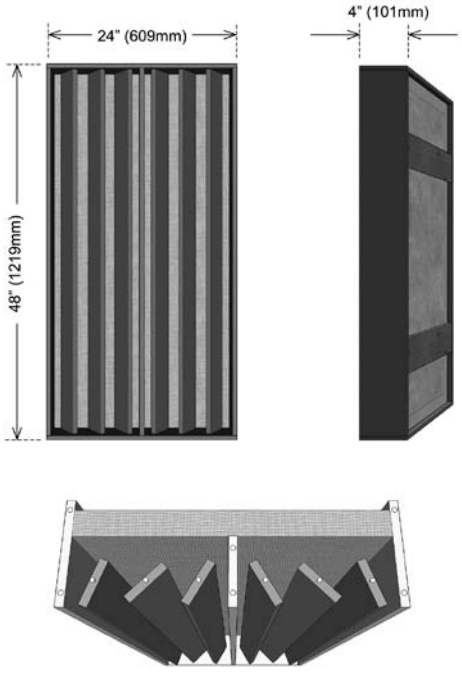
**ABSORPTION CHARACTERISTICS:***

Sound absorption coefficient data

| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| 2" (51mm) Depth | 0.48 | 0.87 | 1.12 | 1.06 | 1.07 | 1.08 | 1.05 |

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

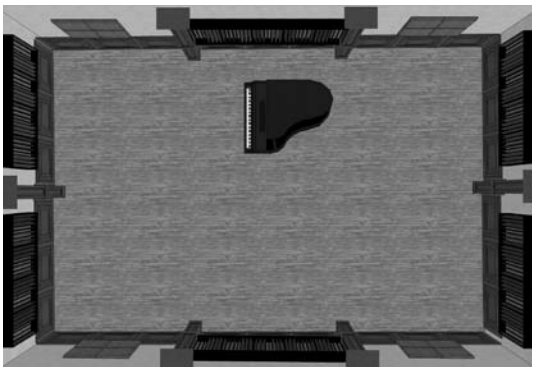



*Top panel removed to show slats.*

**APPLICATIONS:**

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” (61cm x 122cm x 20.3cm) 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.

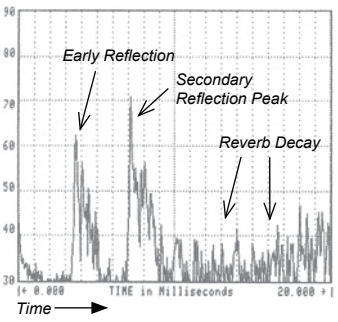
The Razorblade is constructed using a combination of furniture-grade plywood for durability, and medium density fiberboard slats for increased rigidity and mass. Ships fully assembled in an attractive black finish.

**SPECIFICATIONS:**

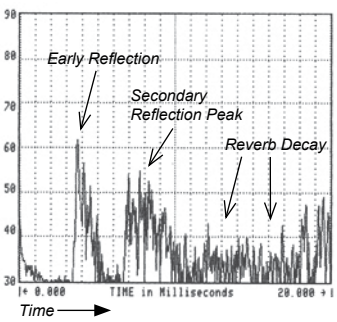
| | |
|---|---|
| **ORDER NUMBER** | Z840-2400-00 |
| **FRAME MATERIAL** | Baltic Birch outer frame, MDF inner |
| **DIMENSIONS** | 24” (610mm) x 48” (1219mm) x 8” (203mm) |
| **WEIGHT** | 75.1 lbs (34.0 kg) |
| **COLOR** | Black, paintable |

**IMPULSE RESPONSE TEST:**

*Graph-1: No Diffusion*

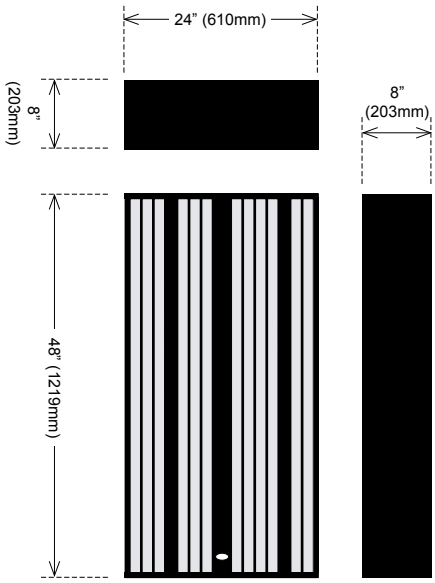



*Graph-2: Razorblade Quadratic Diffusion*

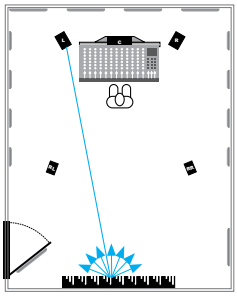



**Graph 1:**
**Room without Diffusion**
The first spike represents the rooms early or primary reflections. The second spike indicates the secondary reflections or room ambience.
The secondary is a full 10dB louder than the early reflections and most of the energy is bunched up at one point in time showing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

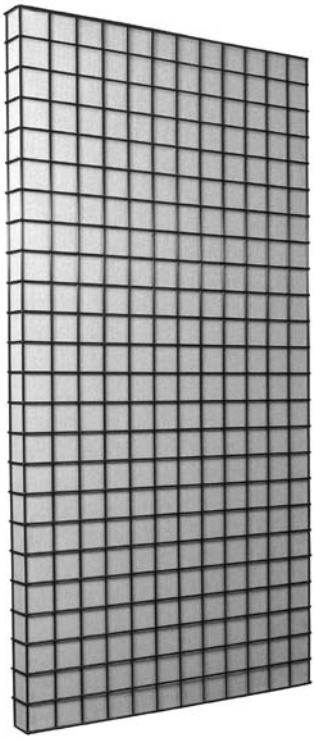
**Graph 2:**
**Room with Diffusion**
Diffusion works by dispersing peak acoustic energy and spreading these spikes over a broader time span, creating secondary reflections that decay gradually and evenly. Diffusion is perceived as a natural wash of reverberation.




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



# ENDZONE™



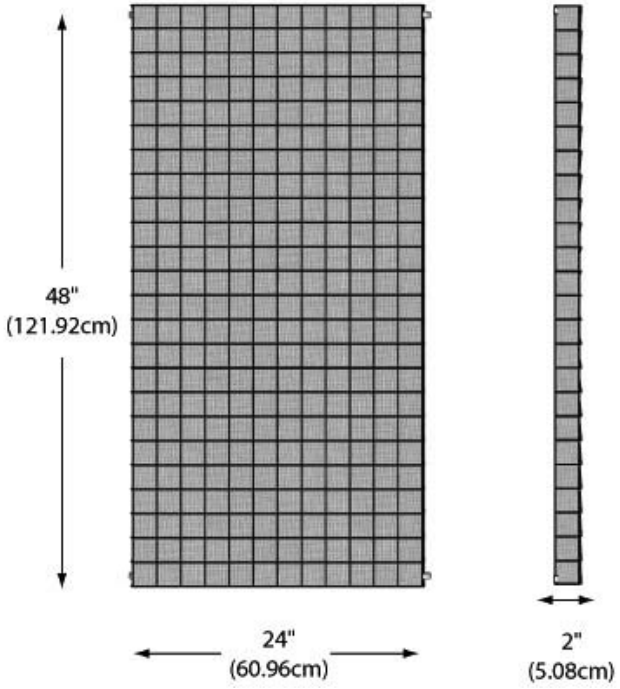
The EndZone™ is a protective steel cage that surrounds a Broadway 24” (61cm) x 48” (122cm) x 2” (5cm) acoustic panel. Ideally suited for gymnasiums or public spaces where panel abuse is a concern, the End-Zone provides a protective barrier for the acoustic panel without changing the absorptive properties.

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.

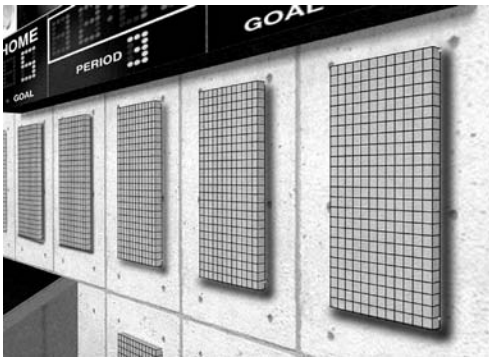
**SPECIFICATIONS:**

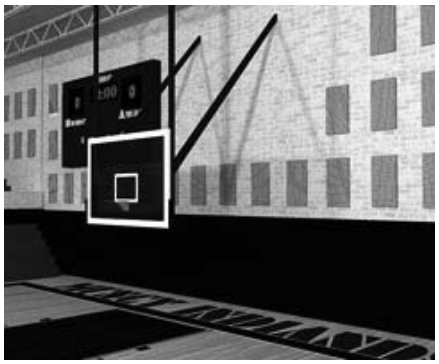
| | |
|---|---|
| **ORDER NUMBER** | F101-0100-00 |
| **MATERIAL** | 18 gauge galvanized steel |
| **DIMENSIONS** | 24” (610mm) x 48” (1219mm) x 2” (51mm) |
| **COLOR** | Silver, Optional Black, Optional White |
| **WEIGHT** | 6 lbs (2.66 kg) |
| **NUMBER PER BOX** | 6 per box |

**Nylon D-Clips For Mounting**




**APPLICATIONS:**



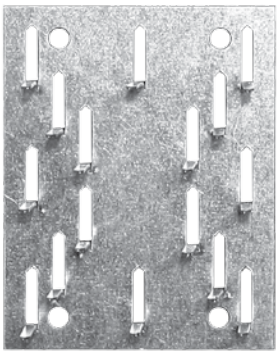



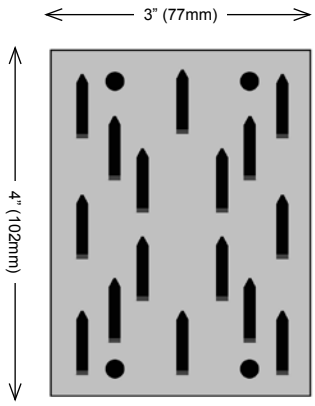
# PUSH-ON IMPALER™

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.

**Push-On Impaler:**



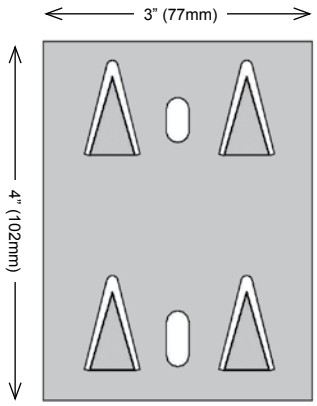



# SURFACE IMPALER™

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.

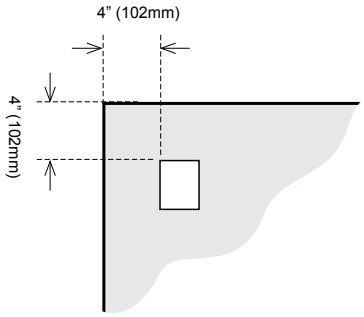
The Surface Impaler features four sharp darts that penetrate the panel and secure it in place. To ensure panels do not get dislodged after installation, applying a dab of construction adhesive to the center of the Impaler during the mounting process adds a level of security and reduces opportunity for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

**Surface Impaler:**




**SPECIFICATIONS:**

| | |
|---|---|
| **ORDER NUMBER** | Push-On: F101-1003-00 Surface: F101-1002-00 |
| **MATERIAL** | 20 gauge galvanized steel |
| **DIMENSIONS** | 3" (76mm) x 4" (102mm) |
| **ATTACHMENT POINTS** | 2 (Use appropriate fastener for wall surface) |
| **MAX LOAD LIMIT** | 12 lbs. (5.4 kg.) Dependant on wall fastener |
| **NUMBER PER BOX** | 24 per box |

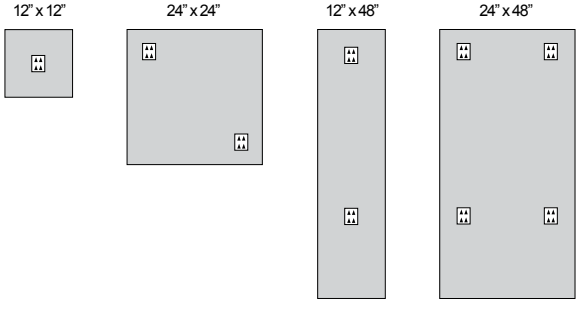



Flush mount impaler clips should be located approximately 4 inches (102mm) or more from the panel edges.

**RECOMMENDED MINIMUM NUMBER OF IMPALERS PER PANEL:**

| Order No. | Description | HEIGHT | WIDTH | DEPTH | No. of Impalers Needed* |
|---|---|---|---|---|---|
| F121-1212-xx | Scatter Blocks | 12" (305mm) | 12" (305mm) | 1" (25mm) | **1** |
| F102-2424-xx | Control Cubes | 24" (610mm) | 24" (610mm) | 2" (51mm) | **2** |
| F122-2424-xx | Control Cubes | 24" (610mm) | 24" (610mm) | 2" (51mm) | **2** |
| F121-1248-xx | Control Columns | 12" (305mm) | 48" (1219mm) | 1" (25mm) | **2** |
| F122-1248-xx | Control Columns | 12" (305mm) | 48" (1219mm) | 2" (51mm) | **2** |
| F123-1248-xx | Control Columns | 12" (305mm) | 48" (1219mm) | 3" (76mm) | **2** |
| F121-2448-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** |

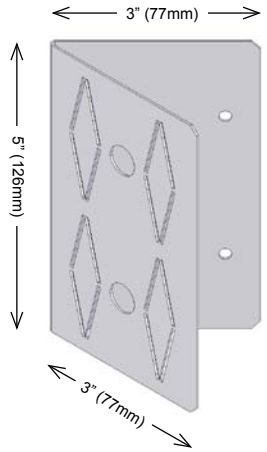
*Primacoustic recommends a certain number of impalers per panel as the minimum required for safe installation based on panel depth and weight. For additional security, you may wish to increase these numbers per panel and also combine with construction adhesive.



# 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.

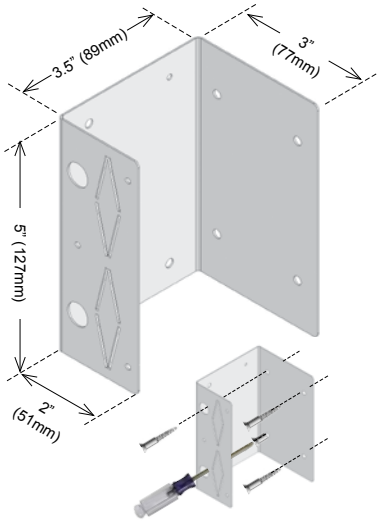



# OFFSET IMPALER™

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.



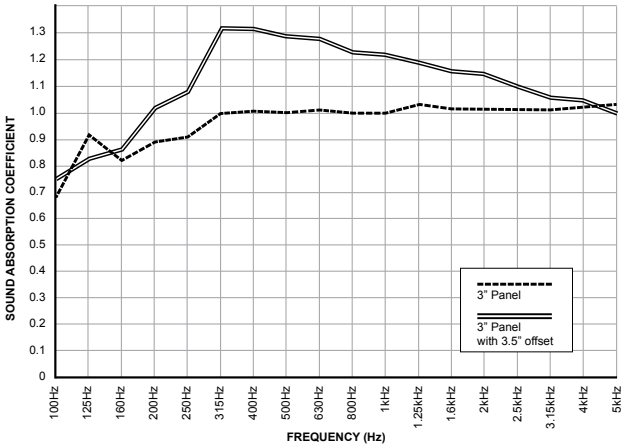

**SPECIFICATIONS:**

| | |
|---|---|
| **ORDER NUMBER** | Corner: F101-1001-00 Offset: F101-1035-00 |
| **MATERIAL** | 20 gauge galvanized steel |
| **DIMENSIONS** | 3” (76mm) x 5” (127mm)<br>Corner = 45° angle for 90° corners.<br>Offset = 3.5” (89mm) from wall surface |
| **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 |

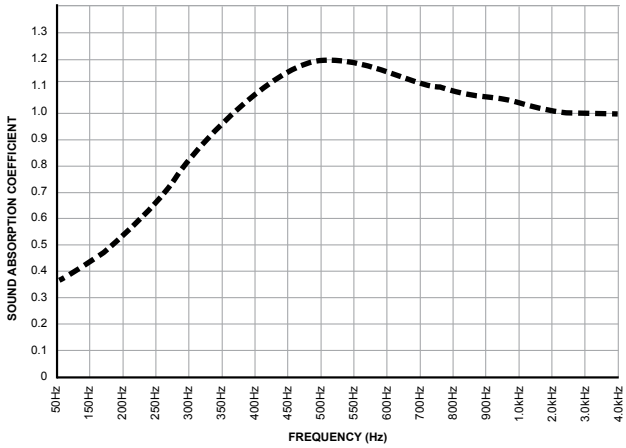
**RECOMMENDED NUMBER OF IMPALERS PER PANEL:**

| Order No. | Description | HEIGHT | WIDTH | DEPTH | No. of Impalers Needed |
|---|---|---|---|---|---|
| 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) | **4** |
| F123-2448-XX | Broadband Panels | 24” (610mm) | 48” (1219mm) | 3” (76mm) | **4** |

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




*Two inch Broadway panels with Corner Impaler*



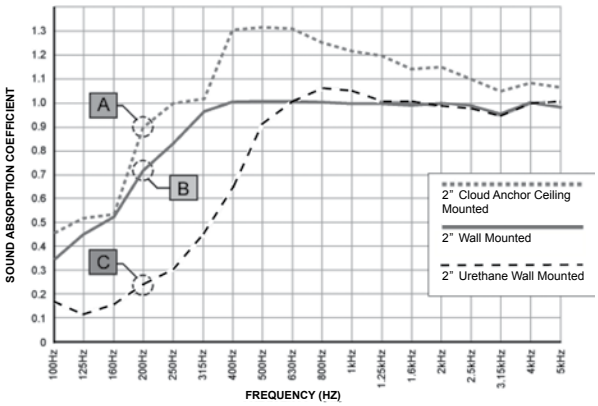
# CLOUD ANCHOR™

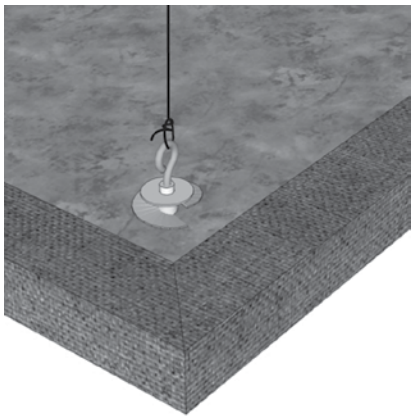
Suspending Broadway panels has never been easier or faster. Simply twist Cloud Anchors™ into the back of any 2” (5cm) or 3” (7.5cm) Broadway panel for a strong and secure installation.

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:**

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



# SNAP-ON ANCHOR™

For installations where panels need to be mounted securely the Snap-On Anchor™ locks the panel onto any flat surface. Simply twist the anchor into the panel using the included tool and attach the corresponding locking pins to the wall or ceiling. The panel clicks and locks onto these pins, providing safe overhead/ceiling mounting and secure wall mounting in high traffic areas.

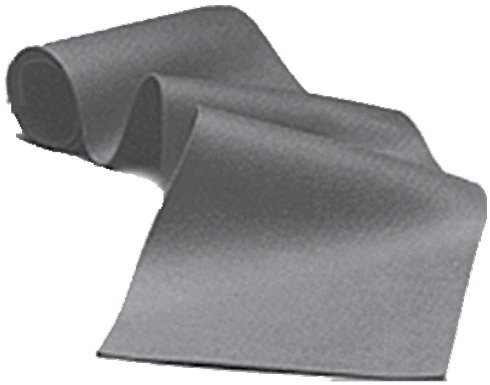
**SPECIFICATIONS:**

| | |
|---|---|
| **ORDER NUMBER** | F101-1009-00 |
| **MATERIAL** | Plastic |
| **MAX LOAD LIMITS** | 45 lbs. (20.4 kg.) per anchor |
| **NUMBER PER BOX** | 50 pieces, tool, marking plugs |

# PRIMABLOCK™

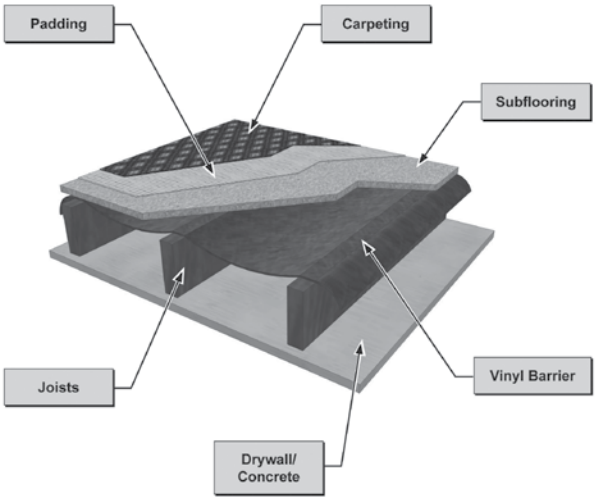
PrimaBlock™ Loaded vinyl barrier is a flexible, 1lb per square foot (4.9m/kg2) mass loaded vinyl that is used in construction to reduce sound transmission through walls, floors and ceilings. Typically sandwiched between layers of drywall or ideally suspended in the airspace between wall surfaces, PrimaBlock barrier helps reduce noise from plumbing, HVAC ducts and adjoining rooms by adding mass to the wall assembly. It is also commonly used in the design and construction of soundproof enclosures and bass traps, or can be wrapped around pipes, ductwork or loud machinery because it is so flexible.

PrimaBlock vinyl barrier is sold by the roll with an overall dimension of 30' x 4.5' (9.1 x 1.4m). Total surface coverage is 135 sq. ft. per roll. PrimaBlock Loaded vinyl barrier is finished in black and is manufactured without the use of hazardous lead or heavy metals.



## SPECIFICATIONS:

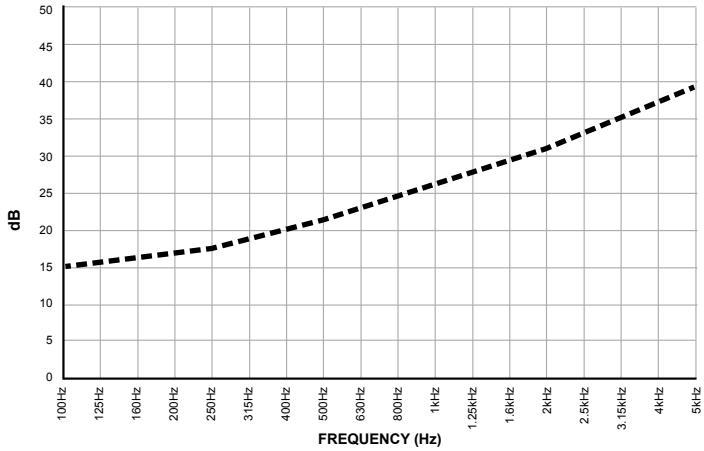
| | |
|---|---|
| **ORDER NUMBER** | F101-1025-00 |
| **WEIGHT** | 1 lb/sq.ft (4.9 m/kg$^2$) |
| **DIMENSIONS** | Roll Length: 30' (9 m) Roll Width: 4.5' (1.4 m) Surface Area: 135 ft$^2$ (12.5 m$^2$) |
| **TEAR STRENGTH** | 70 lb/inch (12.5 kg/cm) |
| **TENSILE STRENGTH** | 400 psi (2720 kPa) |
| **THICKNESS** | 0.1" (2.54mm) |
| **FLAMMIBILITY** | SE "0" in/min |
| **TEMP RANGE** | -40°F to 180°F (-40°C to 82°C) |

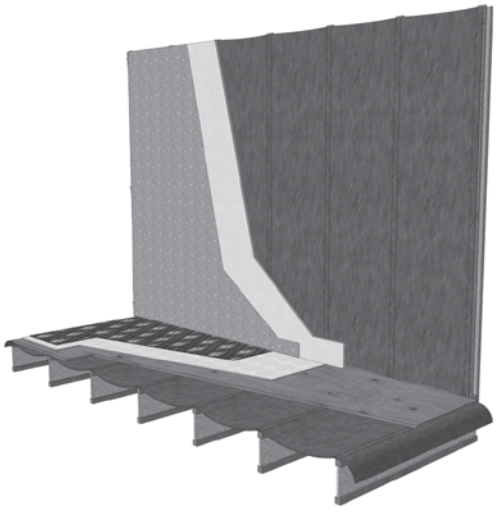



## ABSORPTION CHARACTERISTICS:

Sound absorption coefficient data

| Hz | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| dB | 16 | 17 | 22 | 27 | 31 | 36 | 26 |



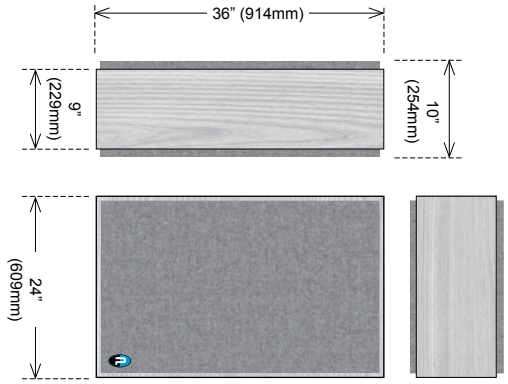
# GOTRAP™

The GoTrap™ is a 24” (610mm) x 36” (914mm) x 10” (254mm) 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:**

| | |
|---|---|
| **ORDER NUMBER** | Z840-1120-xx (xx denotes color code 00=Black; 03= Beige; 08=Grey) |
| **FRAME MATERIAL** | Baltic Birch Plywood with dovetail corner joints |
| **DIMENSIONS** | 36” (914mm) x 24” (609mm) x 10” (254mm) |
| **WEIGHT** | 33.4 lbs (16.1 kg) |
| **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. |

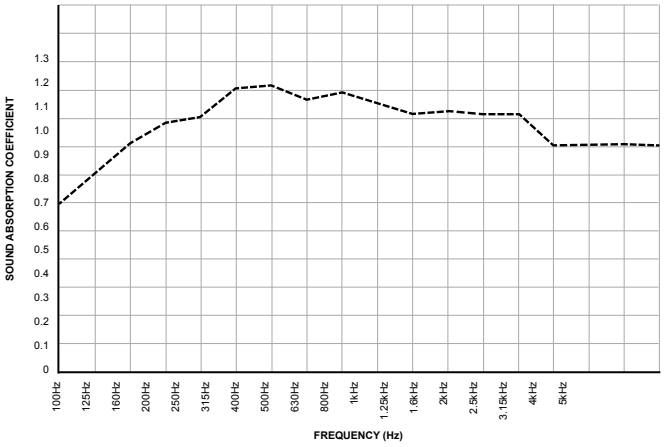


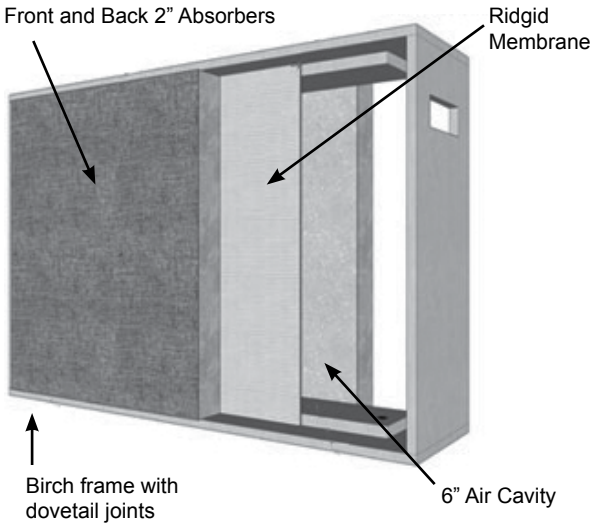

**ABSORPTION CHARACTERISTICS*:**

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 |

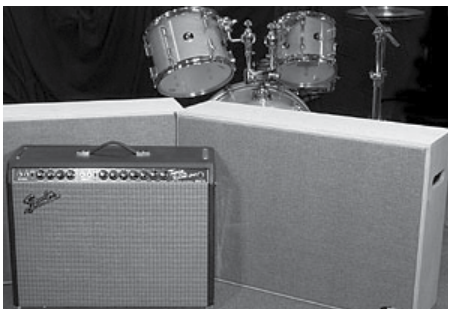
*Theoretical absorption based on Broadway panel test results and 1/4 wavelength calculation.




**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 costs. 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:**

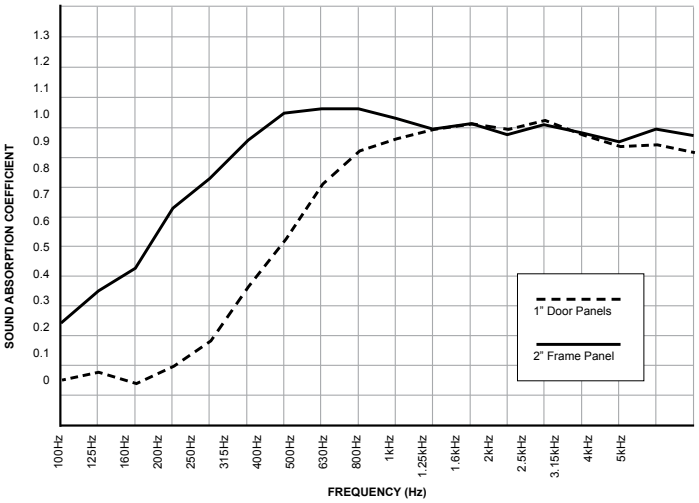
| | |
|---|---|
| **ORDER NUMBER** | Z840-1130-03 - Beige<br>Z840-1130-08 - Grey |
| **FRAME MATERIAL** | Black melamine laminated MDF frame and doors |
| **DIMENSIONS** | 24” (610mm) x 48” (1219mm) x 6” (151mm) |
| **WEIGHT** | 42.2 lbs (19.1 kg) |
| **PANEL MATERIAL** | Formed, semi-rigid inorganic glass fibers;<br>Density of 6.0 lbs. pcf. (96 kg/m3) |
| **FABRIC FACING** | Acoustically transparent polyester (Beige or Grey available) |

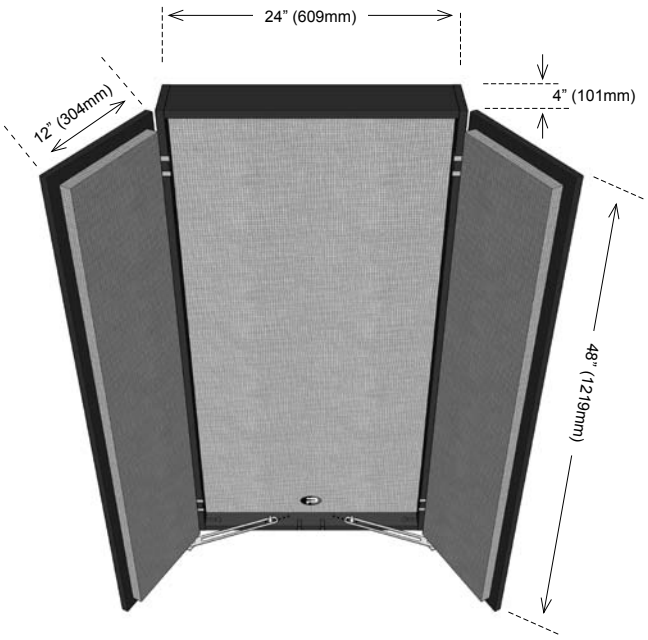
**ABSORPTION CHARACTERISTICS*:**

Sound absorption coefficient data

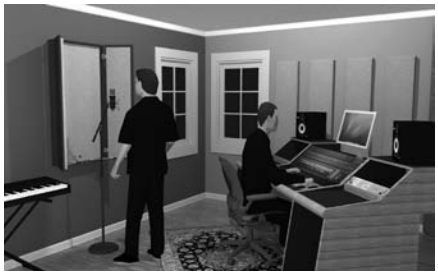
| PANEL DEPTH | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | NRC |
|---|---|---|---|---|---|---|---|
| 1” Depth | 0.17 | 0.28 | 0.81 | 1.00 | 1.02 | 0.95 | 0.80 |
| 2” Depth | 0.45 | 0.83 | 1.07 | 1.00 | 1.01 | 1.00 | 1.00 |

* Testing performed by Riverbank Acoustical Laboratories. The test method conform 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™

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 includes a microphone extension bar for additional placement options.

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.

**VoxGuard**

**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:**

| | |
|---|---|
| **ORDER NUMBER** | P300-0100-00 DT: P300-0102-00 |
| **BAFFLE MATERIAL** | SP-9010 ABS plastic shell, 3/16" (4.5mm) thick<br>Black with textured finish |
| **ABSORBER MATERIAL** | 1" High-density open cell acoustic foam, 2.2 lb/per cu-ft, charcoal colour |
| **DIMENSIONS** | Voxguard - 18" (457mm) wide x 15" (381mm) tall x 7.5" (190mm) deep<br>Voxguard DT - 14" (355mm) wide x 12" (305mm) x 7.5" (190mm) deep |
| **MOUNTING HARDWARE** | Threaded mic stand adapter, knurled ring, extension bar |
| | The Voxguard is made from 75% recycled materials |

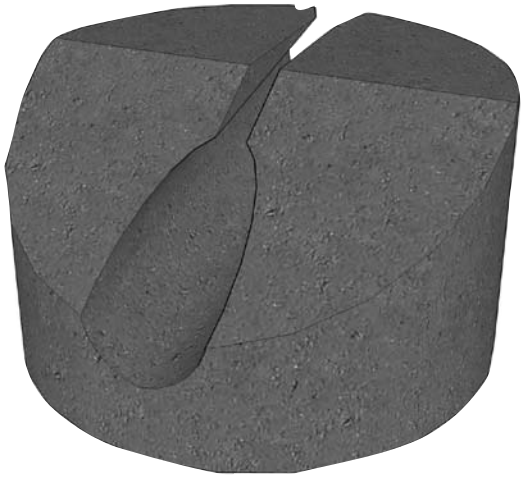
**APPLICATIONS:**

**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***

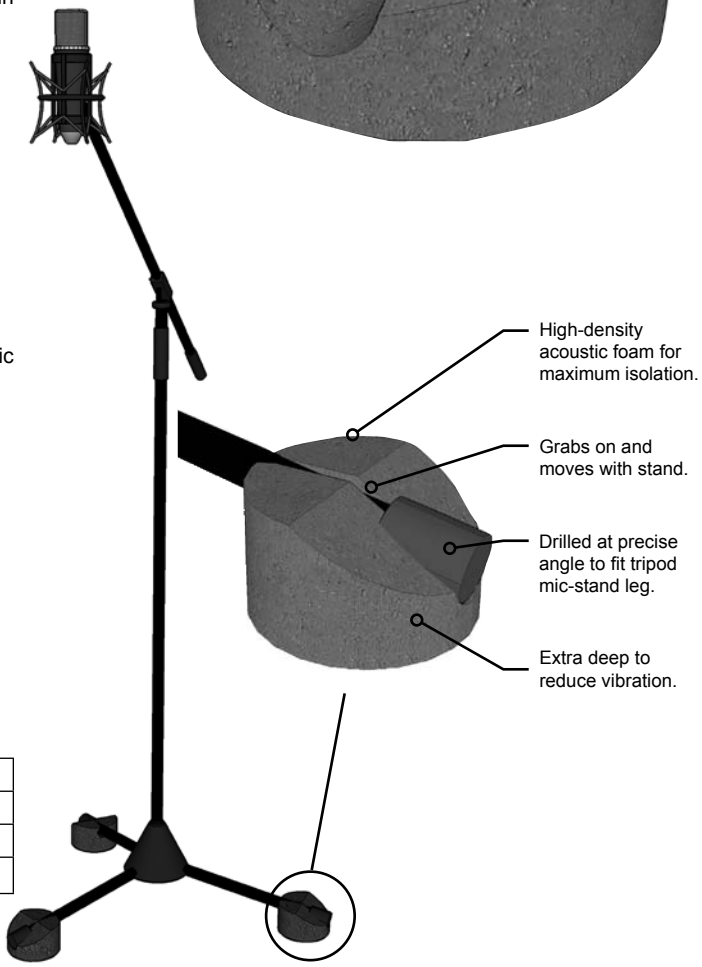
- Extra stiff, high density open cell foam construction
- Easy to mount design fits most tripod mic stands
- Innovative slotted design keeps isolation pads in place
- Comes in handy storage case

***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***

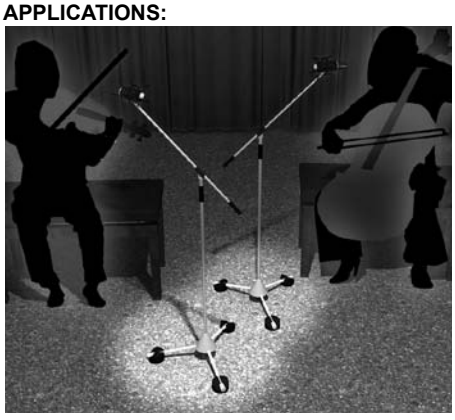
- Quick - easy to use design fits most mic stands
- Sturdy foam with low form factor will not cause mic to sway




**SPECIFICATIONS:**

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

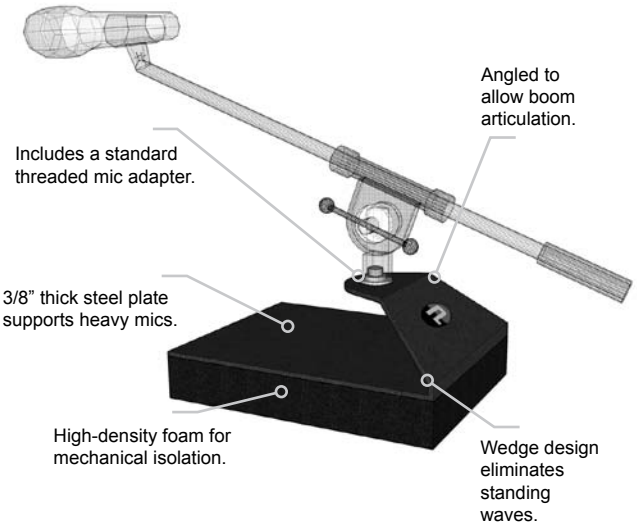
- High density open cell acoustic foam base
- Laser cut steel platform for mass and stability
- Innovative design for the boom attachment
- Small footprint for drum riser

***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:**

| | |
|---|---|
| **ORDER NUMBER** | P300-0200-00 |
| **MATERIAL** | 3/8th” Steel and high-density acoustic foam |
| **DIMENSIONS** | 7.5” (190mm) x 9.75” (248mm) x 4.5” (114mm) |
| **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:***

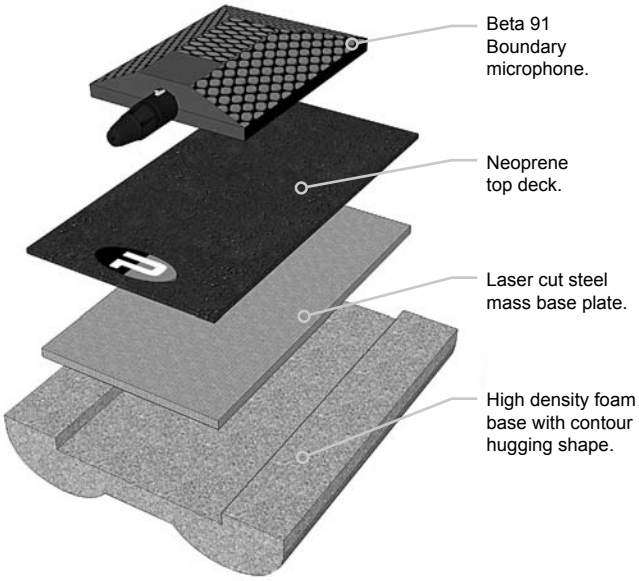
- Unique pontoon shape adapts to any size kick drum
- Laser cut steel platform for added mass sits flush inside the foam
- Neoprene top pad is sized for all boundary mics

***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:**

| | |
|---|---|
| **ORDER NUMBER** | P300-0202-00 |
| **MATERIAL** | 3/8th" Steel and high-density acoustic foam |
| **DIMENSIONS** | 7.5" (190mm) x 9.75" (248mm) x 3" (114mm) |
| **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

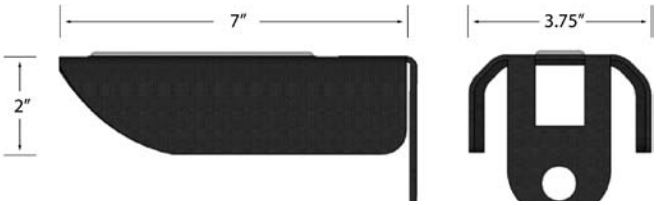
***Benefits***

- 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

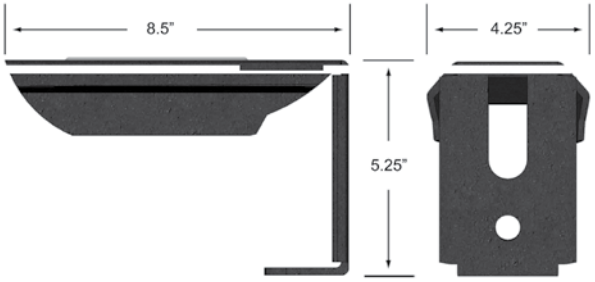
***Cool Stuff***

- 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:**

| | |
|---|---|
| **ORDER NUMBER** | CrashGuard - P300-0105-00<br>CrashGuard 421 - P300-0107-00 |
| **SHELL MATERIAL** | SP-9010 ABS plastic shell, 3/16" (4.5mm) thick<br>Black with textured finish |
| **ABSORBER MATERIAL** | .5" High-density open cell acoustic foam, 2.2 lb/per cu-ft, charcoal colour |
| **DIMENSIONS** | 7" (178mm) x 3.75" (95mm) x 2" (51mm) |
| | 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:**

| | |
|---|---|
| **ORDER NUMBER** | P300-0110-00 |
| **BAFFLE MATERIAL** | SP-9010 ABS plastic shell, 3/16" (4.5mm) thick<br>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" (360mm) long x 9.75" (248mm) wide x 1.875" (48mm) deep |
| **MOUNTING HARDWARE** | Threaded mic stand adapter, knurled ring, extension bar |
| | The Splashguard is made from 75% recycled materials |

**APPLICATIONS:**

# 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:**

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


# TELEPAD UPH™

The TelePad UPH™ is designed to conveniently mount any smartphone to a microphone or cymbal stand. Backing tracks, lyrics, set lists, click tracks, controllers, or audio applications can now be accessed quickly and easily onstage.

Made from high impact molded plastic, the TelePad securely mounts to a variety of microphone and cymbal stands with the adjustable clamp. Once installed, the cradle rotates 360 degrees and locks into place at different angles for optimal viewing. It is also both height and width adjustable, allowing you to adjust to fit to almost any smartphone or similar device. With this flexibility you don't even need to remove your phones case, saving you time and keeping your phone safe.

With more and more applications and uses being thought of every day, the smartphone is quickly becoming an integral part of many on stage performances. The TelePad allows you to keep the control at your fingertips, and the adjustability works with any device you want to use!

***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 any phone

***Benefits:***

• Holds any phone securely on a stand for easy viewing

• Cradle releases from clamp quickly for safe removal of your phone

***Cool Stuff:***

• Easy way to utilize your phone apps both in the studio and on stage

• Use a smart phone live as a teleprompter, tuner, metronome, etc

**SPECIFICATIONS:**

| | |
|---|---|
| **ORDER NUMBER** | P300-0407-00 |
| **DIMENSIONS** | 2.75" ( 70mm) wide x 5" (127mm) tall x 3.75" (95mm) deep |
| **CLAMP** | Adjustable with universal ball joint |
| **CLAMP SIZE** | 0.5" (12.7mm) to 1.0" (25.4mm) |
| **INCLUDED ACCESSORIES** | Foam padding, allowing a snug fit for thinner phones |

**APPLICATIONS:**

# 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 and 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, down-fire or up-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 |

## DECK DIMENSIONS:

| Order No. | Description | WIDTH | DEPTH | HEIGHT | Load Limit | Weight |
|---|---|---|---|---|---|---|
| Z860-1505-00 | RX5-HF | 7.5" (190.5mm) | 9.5" (241mm) | 1.87" (47.5mm) | 23 lbs. (10.4 kg.) | 5.75 lbs. (2.6 kg.) |
| Z860-1505-05 | RX5-DF (5° down angle) | 7.5" (190.5mm) | 9.5" (241mm) | 1.87" (47.5mm) | 23 lbs. (10.4 kg.) | 5.75 lbs. (2.6 kg.) |
| Z860-1505-10 | RX5-UF (10° up angle) | 7.5" (190.5mm) | 9.5" (241mm) | 1.87" (47.5mm) | 23 lbs. (10.4 kg.) | 5.75 lbs. (2.6 kg.) |
| Z860-1507-00 | RX7-HF | 10.375" (263mm) | 13" (330mm) | 2.62" (66.5mm) | 44 lbs. (20 kg.) | 10.8 lbs. (4.9 kg.) |
| Z860-1507-05 | RX7-DF (5° down angle) | 10.375" (263mm) | 13" (330mm) | 2.62" (66.5mm) | 44 lbs. (20 kg.) | 10.8 lbs. (4.9 kg.) |
| Z860 1507-10 | RX7-UF (10° up angle) | 10.375" (263mm) | 13" (330mm) | 2.62" (66.5mm) | 44 lbs. (20 kg.) | 10.8 lbs. (4.9 kg.) |
| Z860-1509-00 | RX9-HF | 15" (381mm) | 11" (279mm) | 2.62" (66.5mm) | 50 lbs. (22.7 kg.) | 12.5 lbs. (5.7 kg.) |
| Z860-1509-05 | RX9-DF (5° down angle) | 15" (381mm) | 11" (279mm) | 2.62" (66.5mm) | 50 lbs. (22.7 kg.) | 12.5 lbs. (5.7 kg.) |
| Z860-1512-00 | RX12-HF | 20" (508mm) | 13" (330mm) | 2.62" (66.5mm) | 88 lbs. (40 kg.) | 22 lbs. (10 kg.) |
| Z860-1512-05 | RX12-DF (5° down angle) | 20" (508mm) | 13" (330mm) | 2.62" (66.5mm) | 88 lbs. (40 kg.) | 22 lbs. (10 kg.) |
| Z860-1517-00 | RX17 | 17" (432mm) | 17" (432mm) | 2.62" (66.5mm) | 88 lbs. (40 kg.) | 22 lbs. (10 kg.) |
| Z860-1520-00 | RX20 | 20" (508mm) | 22" (559mm) | 2.62" (66.5mm) | 144 lbs. (65.3 kg.) | 36 lbs. (16.3 kg.) |

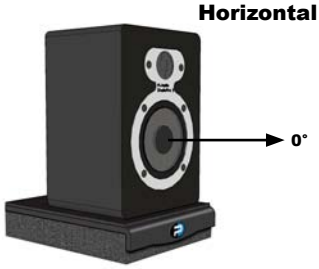
## STUDIO MONITOR REFERENCE:

| 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 |
| **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 |
| **Mackie** | |
| HR624 | RX7 |
| HR626 | RX7 |
| HR824 | RX7 |

| Monitor | Recoil |
|---|---|
| **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.*