

BROADWAY™ BROADBAND™

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

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



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

SPECIFICATIONS:

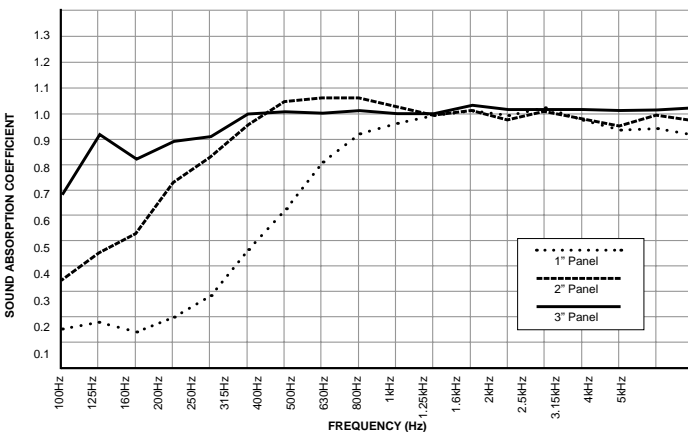
DIMENSIONS	24" x 48" (610mm x 1219mm)
PANEL DEPTH	1" (25mm), 2" (51mm), 3" (76mm)
CORE MATERIAL DENSITY	Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m ³)
FABRIC FACING	Acoustically transparent polyester
BACKING	Sealed with acoustically transparent micro-mesh
EDGE TREATMENT	Sealed and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


ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

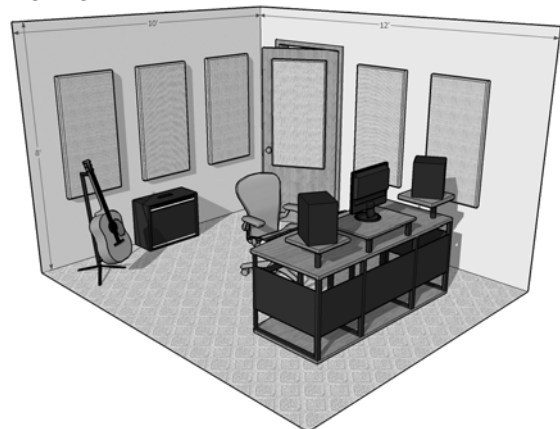
PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1" Depth	0.17	0.28	0.81	1.00	1.02	0.95	0.80
2" Depth	0.45	0.83	1.07	1.00	1.01	1.00	1.00
3" Depth	0.92	0.91	1.00	1.00	1.02	1.03	1.00

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


FIRE & BURN PERFORMANCE:**

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

** 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.

APPLICATION:

PRODUCT RANGE:

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