

LONDON 12-a™ ROOM KIT

The Broadway London 12-a room kit is designed for rooms that have a footprint of approximately 120 square feet (11 sq./meters). These easy-to-use kits contain everything you need to address room problems such as primary reflections, flutter echo, standing waves and excessive bass. The kit consists of select Broadway acoustic panels that, when installed, follow a variant of the LEDE concept (live-end, dead-end) whereby the source or transmit section of the room has greater dampening while the receive section is sparsely treated in effort to retain natural room ambiance. To help create a natural sounding room two, full size 24" x 48", panels are mounted across 90° room corners to trap bass and balance the absorption between high and low frequencies. In addition to the acoustic panels each London room kit includes the corresponding mounting hardware and instructions for easy installation. Broadway panels are made from high density 6lb per-cubit-foot fiberglass panels for upwards to five (5) times greater absorption than offered by typical low cost 1.3lb foam alternatives. This means that you get more absorption with less panels on the wall while assuring a more even absorption curve throughout the frequency range. The London 12-a room kit is available in three fabric colors.

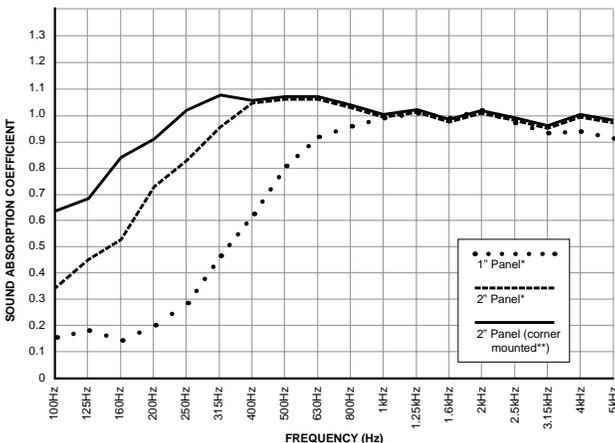

SPECIFICATIONS:

SURFACE COVERAGE	60 sq/ft (5.6 sq/m)
PANEL SIZES & QUANTITY	Two - 24" x 48" x 2" (beveled edge)
	Eight - 12" x 48" x 2" (beveled edge)
	Twelve - 12" x 12" x 1" (square edge)
MOUNTING IMPALERS	Twenty eight - Surface impaler clips; Eight - Corner impaler clips

ABSORPTION CHARACTERISTICS:

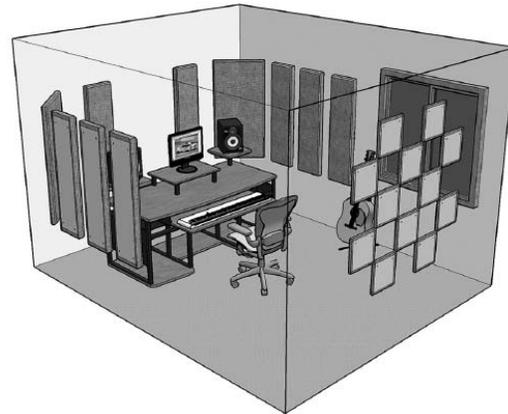
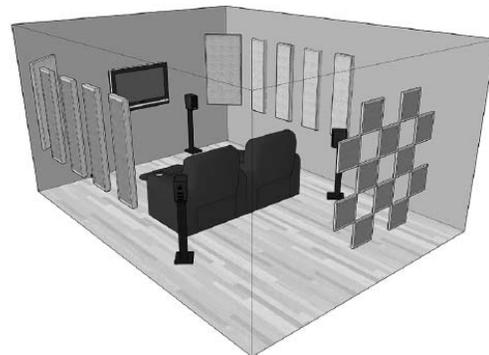
PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1" Depth*	0.17	0.28	0.81	1.00	1.02	0.95	0.80
2" Depth*	0.45	0.83	1.07	1.00	1.01	1.00	1.00
2" Depth (corner mounted**)	0.68	1.2	1.07	1.00	1.01	1.00	1.00

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


FIRE & BURN PERFORMANCE:***

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

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

RECORDING STUDIO APPLICATION:

HOME THEATER APPLICATION:

MOUNTING:

Mounting is accomplished with included Primacoustic impaler clips.

SURFACE IMPALER	CORNER IMPALER
	
F101-1000-00	F101-1002-00
28 per kit - mounts the 12" x 12" and 12" x 48" panels	8 per kit - used to corner mount the 24" x 48" panels