

LONDON 12™ ROOM KIT

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

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

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

SPECIFICATIONS:

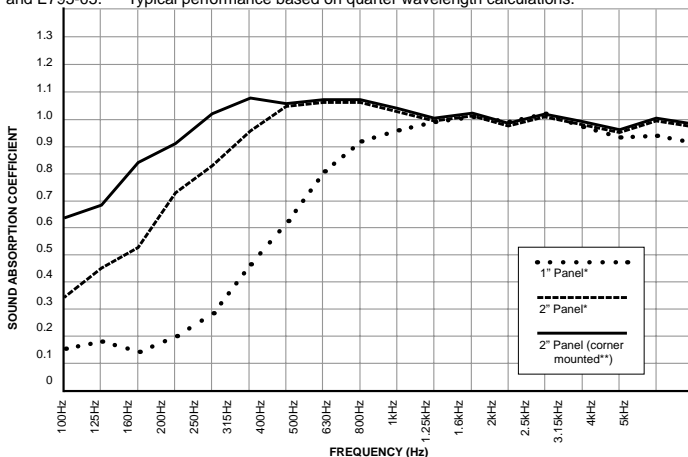
SURFACE COVERAGE	60 sq/ft (5.6 sq/m)
PANEL SIZES & QUANTITY	Two - 24" (610 mm) x 48" (1219 mm) x 2" (50.8 mm) (square edge)
	Eight - 12" (305 mm) x 48" (1219 mm) x 2" (50.8 mm) (beveled edge)
	Twelve - 12" (305mm) x 12" (305 mm) x 1" (25.4 mm) (square edge)
MOUNTING IMPALERS	Twenty eight - Surface impaler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


ABSORPTION CHARACTERISTICS:

Sound absorption coefficient data

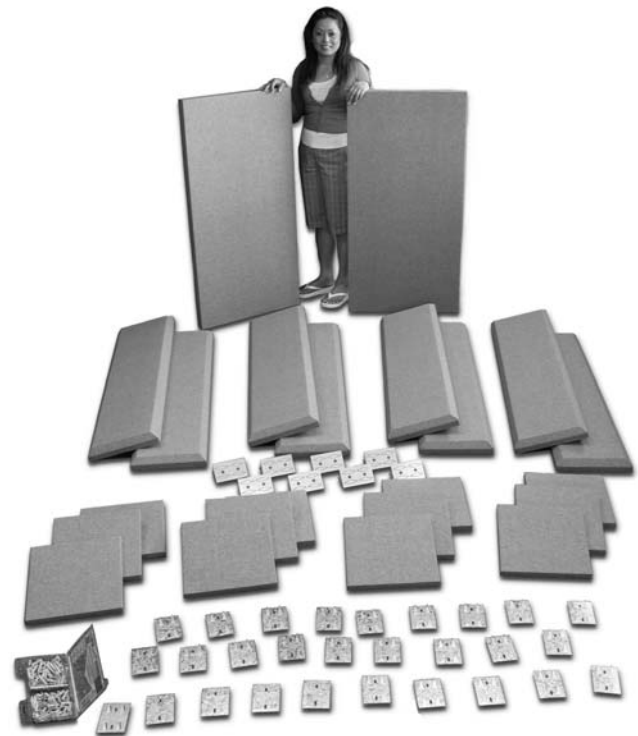
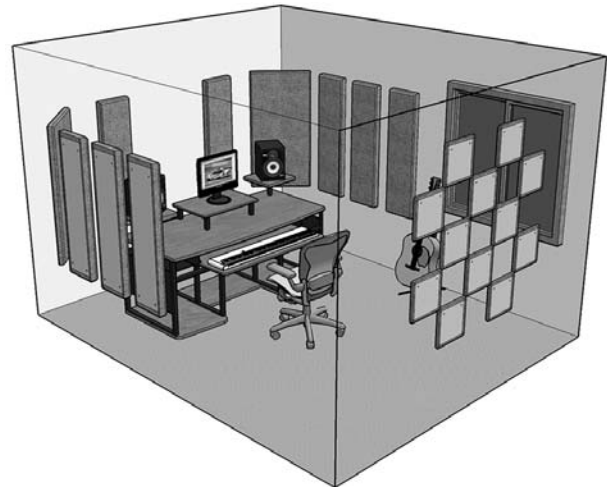
PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1" Depth*	0.17	0.28	0.81	1.00	1.02	0.95	0.80
2" Depth*	0.45	0.83	1.07	1.00	1.01	1.00	1.00
2" Depth (corner mounted**)	0.68	1.2	1.07	1.00	1.01	1.00	1.00

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


FIRE & BURN PERFORMANCE:***

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

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


RECORDING STUDIO APPLICATION:

HOME THEATER APPLICATION:
