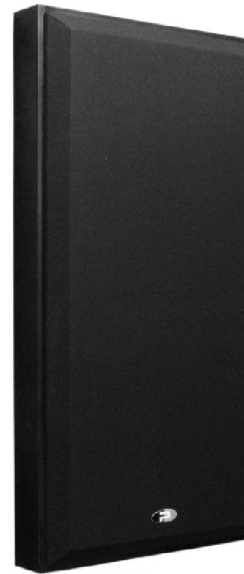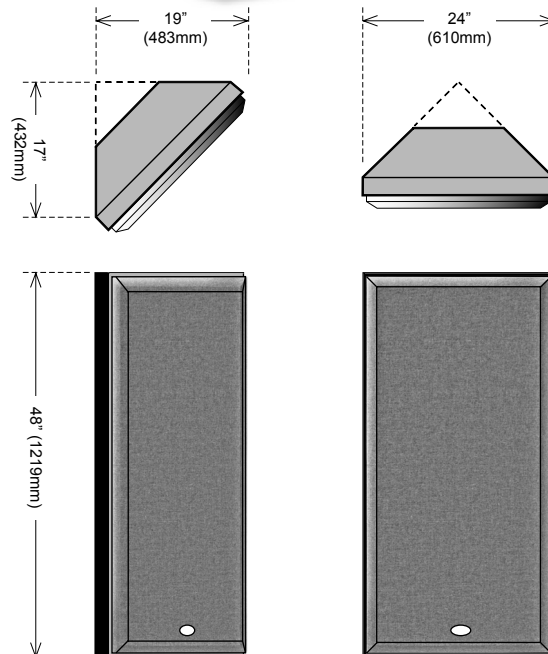# MAXTRAP™

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 down to 65Hz. 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 save freight. Final assembly is performed on site using a simple household screwdriver and building a MaxTrap takes about 15 minutes from start to finish!
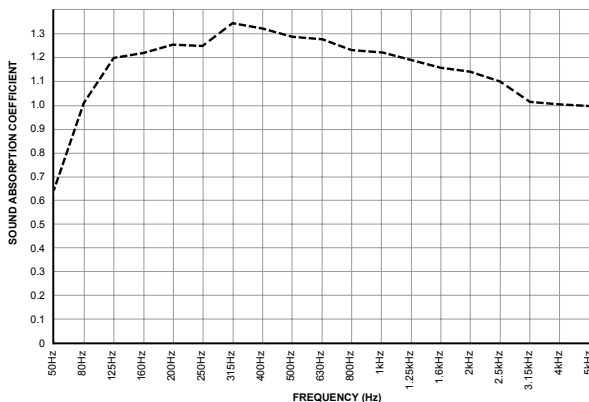
SPECIFICATIONS:

Frame Material	Black melamine laminated MDF
Dimensions	24" (610mm) x 48" (1219mm) x 19" (See detail dimensions)
Panel Material	Formed, semirigid inorganic glass fibers; Density 6.0 lbs. pcf. (96 kg/m3)
Fabric Facing	Acoustically transparent polyester
Diaphragmatic Membrane	Loaded vinyl, 1 lbs. pcf.
Order Number	Z840-1110-xx (xx denotes color code 00=Black; 03= Beige; 08=Grey)

ABSORPTION CHARACTERISTICS*:
Sound absorption data (NRC values).

50Hz	80Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	5kHz
0.65	1.01	1.20	1.25	1.29	1.22	1.15	1.05	1.00

*Due to the size of the wavelengths and limitations of the testing facilities, low frequency absorption data is based on a combination of Broadway panel test results from Riverbank Acoustical Laboratories and 1/4 wave length 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 Bodycote Materials Testing Inc.			

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

19" (483mm)

17" (432mm)

24" (610mm)

48" (1219mm)

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.