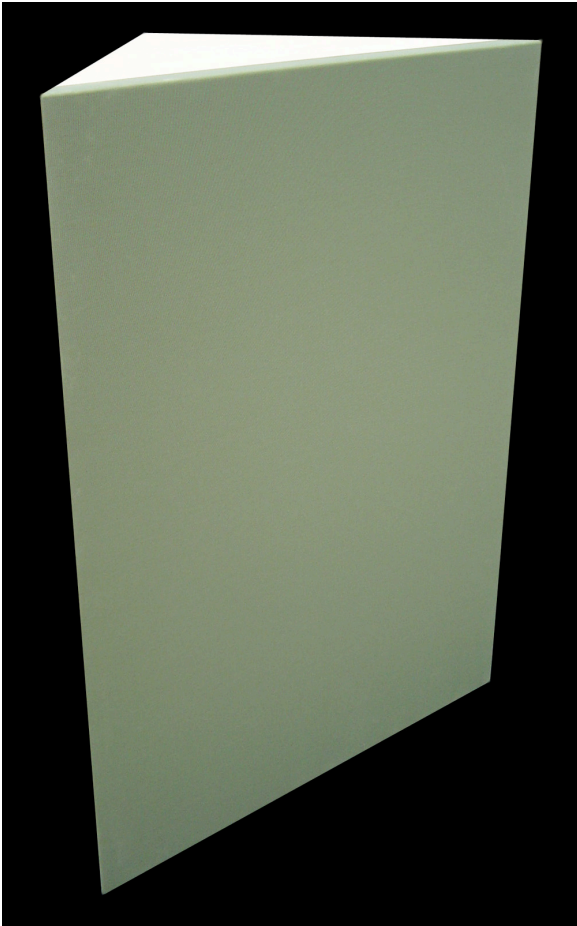




## ACOUSTIC PRODUCTS CORNER BASS TRAP®



The **Corner Bass Trap**® is an effective helping tool while treating room modal frequencies and sound reflections from walls and ceiling corners. All modes terminate in the corner of the room; applying bass trapping in this zone assures the highest effectively, thus reducing to a minimum the modal interference.

Another acoustical issue found is the "corner effect". Any sound wave reaching a corner is always returned towards the source. It happens independently of the angle of incidence with the reflection always coming back to its origin. The **Corner Bass Trap**® low frequency absorption efficiency is ideal for controlling low end within a room. Its absorptive face also eliminates mid and high frequency sound reflections, assuring a clean sweet spot and tight sound reproduction.

The **Corner Bass Trap**® core is made of fiberglass, one of the most effective absorbers with a superior performance than acoustic foams. A great variety of colors (up to 36 standard colors) can be chosen from our Color Sample Catalog.

The **Corner Bass Trap**® is manufactured under custom specs for every room. Standard dimensions are: 48" (1.22m) high by either 36" (0.91m) or 28" (0.71m) wide. Please contact MBR Design Group to submit your room information.

The **Corner Bass Trap**® installation can be implemented to one or both walls surfaces via customized "J" Type clips. Four pairs of clips per unit are supplied. In situations where there are no 90° corners available, the traps can be conveniently stacked as freestanding units. A real unit size template with pre-drilled holes is also provided in order to accommodate mounting hardware locations. Please refer to schematic for mounting details

The following information applies for reference only:

<b>Absorption Coefficients for an 80 Hz Tuned Trap</b>						
80 Hz	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 KHz
0.92	0.62	0.45	0.23	0.26	0.35	0.41

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99-34 67<sup>th</sup> Road, Suite#1H – Forest Hills– NY – 11375 – USA – (1) (347) 455-0862  
info@malvicinodesigngroup.com