



ACOUSTIKIT COMBINED PANEL®



The **ACOUSTIKIT COMBINED PANEL®** is a Slat Type Resonator which achieves great absorption at low frequencies and provides diffusion, in the horizontal plane, at high frequencies.

In many cases, small spaces present reverberation times within the low frequency range which are much longer than the ones present in larger areas. On the other hand, reflections from hard surfaces are stronger and faster, requiring more absorption to be applied.

The **ACOUSTIKIT COMBINED PANEL®** is very effective in both of these situations. As a resonator, it is excellent for controlling the excess of reverberation and modal interference. As a diffuser, it enhances the upper range by spreading the high frequency energy into the room, helping control early reflections, and acoustically simulating, whereas smaller rooms get a feel for a much larger space.

The **ACOUSTIKIT COMBINED PANEL®** is made of wood. Standard finishes are: light wood, cherry wood, or colored lacquer. Please contact **ACOUSTIKIT** for special color matching.

The **ACOUSTIKIT COMBINED PANEL®** is manufactured under custom specs for every room. Standard dimensions are: 2'-0" (0.61m) wide by 4'-0" (1.22m) high. Please contact **ACOUSTIKIT** to submit your room information.

The **ACOUSTIKIT COMBINED PANEL®** installation can be implemented to any wall via customized "J" Type clips. Two pairs of clips per unit are supplied. A real panel size template with pre-drilled holes is also provided in order to accommodate mounting hardware locations. (Please refer to schematic for mounting details.)

An optional ceiling mount is available if units are meant to be installed in a standard 4'-0" (1.22m) by 2'-0" (0.61m) hanging ceiling structure.

The following information applies for reference only:

Absorption Coefficients ⁽¹⁾					
125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 KHz
0.72	0.36	0.19	0.14	0.16	0.18

⁽¹⁾ For a sample panel of 5" (12.7cm) depth, 1/16" (1.6mm) of spacing between **ACOUSTIKIT ACOUSTICAL MOLDINGS®** and 1" (2.5cm) fiberglass insulation in cavity.

ACOUSTIKIT COMBINED PANEL® units are sold in pairs (two units per carton).

ACOUSTIKIT COMBINED PANEL® of different operational frequency can be included within the same box.