STRATUS™

The Stratus™ is a precision crafted 24" x 48" x 2" acoustic cloud that is positioned above the listening area to eliminate ceiling to floor standing waves, early reflections and flutter echo. When installed, the Stratus delivers greater intimacy, a larger sweet spot and better stereo imaging.

The modular design comes complete with aluminum side rails that create a high-tech finished look, and allow several Stratus kits to be connected to form a large, continuous cloud. The Stratus is available in a choice of three colors: black, beige and gray with a natural aluminum frame.

SPECIFICATIONS:

FRAME MATERIAL	Formed 16 gauge aluminium
DIMENSIONS	24" x 48" (610mm x 1219mm)
PANEL DEPTH	2" (51mm)
CORE MATERIAL DENSITY	Formed, semirigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m3)
FABRIC FACING	Acoustically transparent polyester
BACKING	Sealed with acoustically transparent micro-mesh
EDGE TREATMENT	Sealed and hardened with resin
RECYCLED CONTENT	Up to 40%

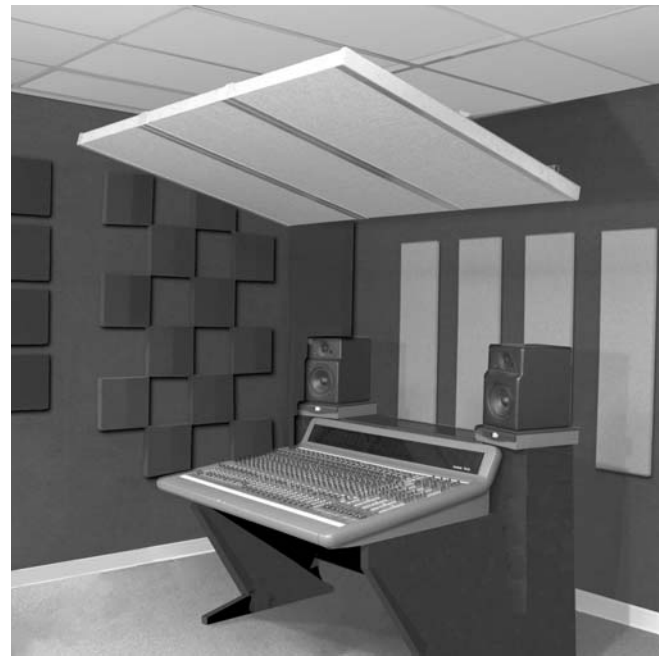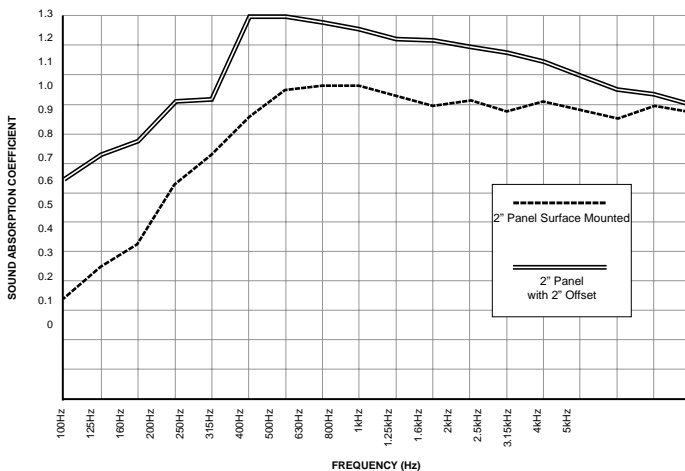*Photo shows three Stratus Cloud Kits above mixing console.*

ABSORPTION CHARACTERISTICS**:
Sound absorption coefficient data

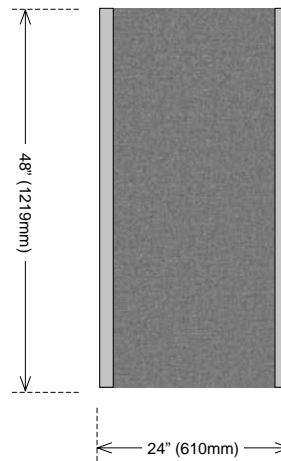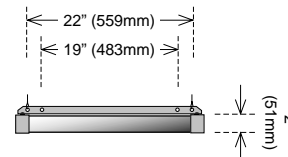| PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
2" Depth*	0.45	0.83	1.07	1.00	1.01	1.00	1.00
2" Offset 2" ***	.051	.90	1.17	1.12	1.12	1.08	1.10

** 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.
***Offset mounted to create an air space between the panel and ceiling.

KIT COMPONENTS:
• 24 x 48 Broadway panel
• Two aluminum side clamps
• Two cross bars
• Assembly screws
• Bracket to link units together
• 42" Tie wire
• Drywall/Masonry Anchors
• Eye-hooks

MOUNTING:
All suspension hardware is included. Hanging is achieved with four eyelets in the cross bar members, ceiling anchors, eye-hooks and 42" tie wire. We recommend the Stratus be mounted with a four point dead-hang. Extra eyelets can be used for anti-sway or safety lines.

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.