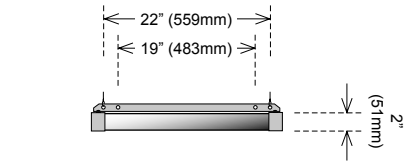
STRATUS™ CLOUD KIT

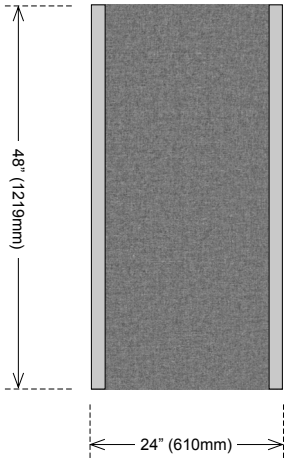
The Stratus Cloud kit consists of a Primacoustic 24” x 48” Broadway panel and aluminium hardware for overhead suspension. The absorptive panel is made from 6 lbs. per cubic foot high-density encapsulated fiberglass. The aluminium hardware clamps onto the panel sides and provides four points to hang from. The science is based on thermo-dynamic energy transfer, where sound penetrating the Stratus Cloud causes the glass fibers to vibrate which in turn, converts the acoustic energy into heat. The Stratus Cloud Kit ships flat and final assemble is performed the end user. A screwdriver is the only tool required for assembly. Each kit contains the absorptive panel, aluminium side clamps and cross-bars. Assembly takes about 15 minutes from start to finish!

Photo shows three Stratus Cloud Kits suspended above mixing console.

SPECIFICATIONS:

Frame Material	Formed 16 gauge aluminium
Dimensions	24” (610mm) x 48” (1219mm) x 2” (51mm)
Panel Material	Formed, semirigid inorganic glass fibers; Density 6.0 lbs pcf (96 kg/m3)
Fabric Facing	Acoustically transparent polyester



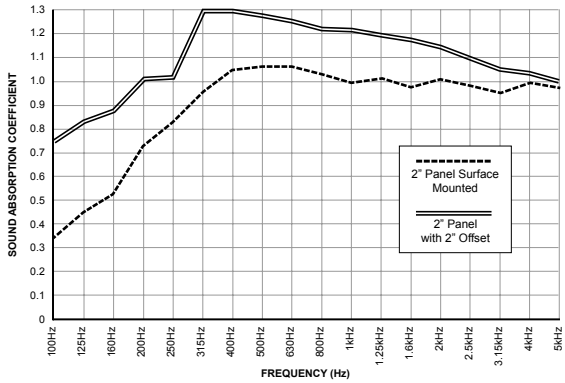


KIT COMPONENTS:
- 24 x 48 Broadway Panel
- Two aluminum side clamps
- Two cross bars
- Assembly screws

ABSORPTION CHARACTERISTICS:**
Sound absorption data (NRC values) ASTM C423-90a.

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” ****	*0.51*	*0.90*	*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.



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.			

*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.

MOUNTING:
Hanging is achieved with four eyelets in the cross bar members. Use chain, wire-rope or bailing wire. We recommend the Stratus be mounted with a four point dead-hang. Extra eyelets can be used for anti-way or safety lines.