



www.acousticsonic.com

Product Description

Acoustic Quilt AS



Acoustic Sonic Inc. offers a highly economic and efficient quilted fiberglass absorber. The Acoustic Quilt reduces the reflection of sound waves. It also controls flutter echo and reverberation time. These quilts may be wall mounted, ceiling mounted, or hung from curtain's track system. Acoustic Quilts are available with grommets on top hanging from one side.

Manufacturing

Acoustic Quilts consist of two layers of Guilford of Maine fabric, one side or both sides of 2" fiberglass. Quilts are constructed with all edges bound.

We also provide a hybrid product, the AQ-30B which is a combination of absorber-barrier to absorb and block noise with a layer of Sound Barrier SB, with STC rating up to 34.

Installation

Option to install Acoustic Quilt over drywall should be with 1" nails or with 2" staples at 24" oc; to install this material over concrete wall or metal ceiling HILTI pins with washers should be used.

Technical Properties

Nominal Overall Dimensions

Width	48" wide
Weight	0.52 lbs psf
Roll Length	10' long
Temperature Range	-13° to 150° F

Model	Size	Thickness	NRC
Model AQ-15	4' x 10' or custom	1.5"	0.8
Model AQ-20	4' x 8' or custom	2"	0.98
Model AQ-30	4' x 8' or custom	3"	1.04

Cleaning and Maintenance

Designed for minimal maintenance, the fabrics may be vacuumed if necessary.

Fire Resistance:

Flame Spread: 15. Smoke Developed: 150

Acoustical Performance

	Frequencies (Hz)	125	250	500	1000	2000	4000
Sound Absorption Coefficients	AQ-15	0.09	0.37	0.82	1.00	1.04	1.00
	AQ-20	0.19	0.71	1.02	1.14	1.07	1.05
	AQ-30	0.39	0.85	1.08	1.16	1.08	1.06

Projects

The Acoustic Quilts can be used in manufacturing areas, TV studios, multi-purpose rooms, curtain walls, etc.

