



Acoustical Surfaces, Inc.

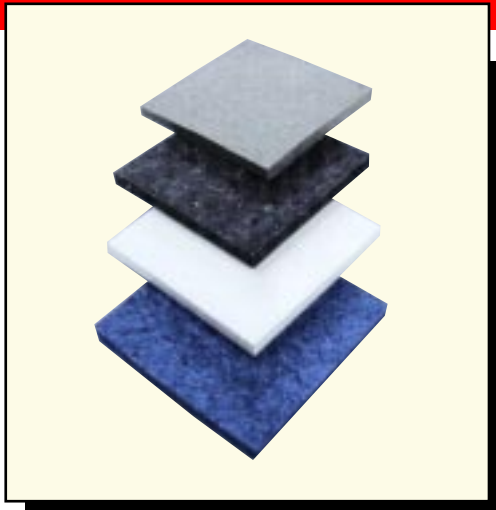
SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318
(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: sales@acousticalsurfaces.com
Visit our Website: www.acousticalsurfaces.com

We Identify and **S.T.O.P.** Your Noise Problems

TECHNICAL INFORMATION



Noise S.T.O.P. Echo Eliminator B.A.C.

Bonded Acoustical Cotton™

Economical Sound Absorbing Ceiling
and Wall Panels

- ✓ *Excellent Noise Absorption*
- ✓ *Strong NRC Ratings*
- ✓ *No Fiberglass/Formaldehyde*
- ✓ *Resists Microbial Growth*
- ✓ *Class-A Fire Rated*
- ✓ *No Itch or Skin Irritation*
- ✓ *Easy to Handle/Install*



May Qualify for LEED Credits.

Description:

Echo Eliminator B.A.C. Natural Fiber Acoustic Sound Panels are thermally bonded, superior acoustical material. Made from natural fibers, these panels contain no fiberglass and do not itch or cause skin irritation. The fibers used to manufacture each acoustic sound panel offer superior noise reduction and sound absorption properties as well as effective thermal performance. Every fiber used to create the sound panels is also treated with an EPA registered anti-microbial agent for additional protection.

Uses:

Echo Eliminator B.A.C. Natural Fiber Acoustic Sound Panels can be used anywhere sound abatement and noise reduction is required. Use in walls, ceilings, floors, and independent panel construction.

Echo Eliminator B.A.C. Natural Fiber Acoustic Sound Panels contain no harmful irritants and are safe to handle and install.

Color Options:

White, Blue, Charcoal, Light Gray.

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Physical Properties		
PROPERTIES	PERFORMANCE	TEST METHOD
Surface Burning Characteristics (Fire Hazard Classification)	Flame Spread 10 Class A Smoke Developed 20 Class A	ASTM E-84 UL 723
Corrosion Resistance	Pass	ASTM C 739
Fungi Resistance	Pass	ASTM C 739
Odor Resistance	Pass	ASTM C 739

Acoustical Performance								
Sound Absorption was tested in accordance with ASTM E-90-02, C424 Type A mounting per ASTM E 795)								
Product		Absorption Coefficients @ Octave Band Frequencies (Hz)						
Size	Thickness	125	250	500	1000	2000	4000	NRC/STC
R-13	3.5"	.95	1.30	1.19	1.08	1.02	1.00	NRC 1.15
R-19	5.5"	.97	1.37	1.23	1.05	1.00	1.01	NRC 1.15
R-13	3.5"	21	40	48	52	46	48	STC 45

Thermal Technical Data						
Tested in accordance with ASTM C 518 at mean temperature of 75°						
Thickness		Width		Length		R-Value*
Inch	(mm)	Inch	(mm)	Inch	(mm)	
3.5	(89)	16	(406)	94	(2387)	13
3.5	(89)	24	(609)	94	(2387)	13
3.5	(139)	16	(406)	94	(2387)	19
3.5	(139)	24	(609)	94	(2387)	19

Product Compliances	
SoundSounds Natural Fiber Building Insulation has the physical properties that regularly meet the requirements of the following current specifications, standard, and codes.	
Building Codes	
ICBO	International Conference of Building Officials
BOCA	Building Officials and Code Administrators
CABO	Council of American Building Officials
SBCCI	Southern Building Code Congress International
State of California Bureau of Thermal Insulation (License #TI-1367 Reg. # CA-T367AZ)	

- Soundproofing Products • Sonex™ Ceiling & Wall Panels • Sound Control Curtains • Equipment Enclosures • Acoustical Baffles & Banners • Solid Wood & Veneer Acoustical Ceiling & Wall Systems
- Professional Audio Acoustics • Vibration & Damping Control • Fire Retardant Acoustics • Hearing Protection • Moisture & Impact Resistant Products • Floor Impact Noise Reduction
- Sound Absorbers • Noise Barriers • Fabric Wrapped Wall Panels • Acoustical Foam (Egg Crate) • Acoustical Sealants & Adhesives • Outdoor Noise Control • Assistive Listening Devices
- OSHA, FDA, ADA Compliance • On-Site Acoustical Analysis • Acoustical Design & Consulting • Large Inventory • Fast Shipment • No Project too Large or Small • Major Credit Cards Accepted