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FULL RANGE OF PRODUCTS & TECHNICAL SUPPORT SERVICES

- Soundproofing Window Inserts
- Sound Absorbers
- Industrial Noise Control
- Mass Loaded Vinyl Noise Barriers & Composites
- High Tension Acoustical Wall System – Wallmate®
- Acoustical Foam (Egg Crate)
- Outdoor Noise Control
- OSHA, FDA, ADA Compliance
- On-Site Acoustical Analysis
- Acoustical Design & Consulting
- Recycled Cotton, Acoustic, Thermal & Sound Insulation
- Acoustic Sealant and Adhesives
- Soundproofing Products
- Sonex™ Ceiling & Wall Panels
- Sound Control Quilted Curtains
- Equipment Enclosures
- Acoustical Baffles & Banners
- Wood Acoustical Ceilings
- School, Church & Pro Audio Acoustics & Soundproofing
- Vibration & Damping Control
- Fire Retardant Acoustics
- Hearing Protection
- Moisture & Impact Resistant Acoustics
- Floor Impact Noise Reduction

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Call for Details!



ACOUSTICAL SURFACES, INC.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

WE IDENTIFY AND S.T.O.P. YOUR NOISE PROBLEMS

123 Columbia Court North, Suite 201, Chaska, MN 55318 ■ 952-448-5300 ■ Fax: 952-448-2613
Toll Free: 1-888-216-6867 ■ e-mail: sales@acousticalsurfaces.com ■ www.acousticalsurfaces.com

- COMMERCIAL
- INDUSTRIAL
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MANY "GREEN" PRODUCTS AVAILABLE!
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Here Are a Few Sample Applications



Outdoor Noise Barriers



Industrial Noise Control



Custom Office Acoustics



Place of Worship Acoustics



Gun Range Soundproofing



Doctors' Offices/Hospitals



Residential Noise Control



Recording Studio Acoustics



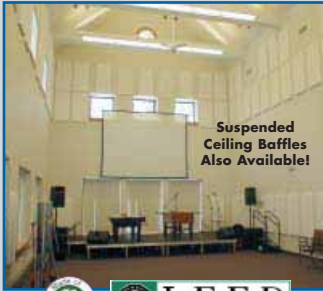
School Sound Control

Call For Immediate Technical Assistance, Price Quotes & Ordering

NOISE CONTROL HELP LINE
1-888-216-6867

■ LARGE INVENTORY ■ FAST SHIPMENT ■ MAJOR CREDIT CARDS ACCEPTED

Echo Eliminator™ Acoustical Cotton, Economical Sound Absorbing Ceiling & Wall Panels – A “Green” Product



Suspended Ceiling Baffles Also Available!

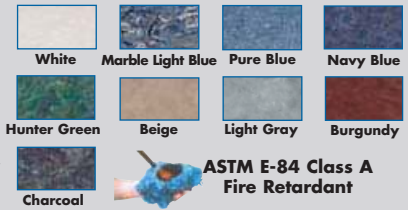


May Qualify for LEED Credits.

Material: Durable, lightweight, high performance acoustical panel made from recycled cotton.
Pattern: Flat, textured surface. **NEW!** Sculptured designer patterns.
Features: Economical, high performance, durable. Can be used anywhere cost effective, high performance sound absorption is needed.
Applications: Schools, offices, community rooms, auditoriums, churches, gun ranges, home theaters, home studios, restaurants and equipment enclosures.
Nom. Size: 2' x 4' or optional 4' x 8', 4' x 4', 2' x 2', 1' x 1'.
Color: Color available in W = White, C = Charcoal, LtG = Light Gray, Bg = Beige, Mlb = Marble Light Blue, Pb = Pure Blue, Nb = Navy Blue, Bur = Burgundy, Hg = Hunter Green and optional foil face or painted.

Flammability: **ASTM E-84 Class 1-A, nonflammable.**

Echo Eliminator™ Colors



ASTM E-84 Class A Fire Retardant

Echo Eliminator™ Acoustical Cotton Panel – Sound Absorption / Noise Reduction

Product	Nom. Size	Weight	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
Echo Eliminator	1' x 2' x 4'	1/4 lb./sf 3 lb./cf	.08	.31	.79	1.01	1.00	.99	.80
Echo Eliminator	2' x 2' x 4'	1/2 lb./sf 3 lb./cf	.35	.94	1.32	1.22	1.06	1.03	1.15
Echo Eliminator	1' x 2' x 4'	1/2 lb./sf 6 lb./cf	.07	.30	.86	1.10	1.05	1.03	.85

Sound Silencer P.E.P.P.™ Ceiling Tile and Wall Panels. Durable, Moisture, Mold, Mildew and Chemical Resistant – Washable

Sound Absorbing, Moisture Resistant Ceiling and Wall Panels



Material: Open cell, lightweight, Porous Expanded PolyPropylene bead board. Fiber-free.
Pattern: Flat, textured open cell surface.
Features: Indoor/outdoor, lightweight, structural, impact, moisture, chemical, mold and mildew resistant, washable, tackable, paintable.
Applications: Ice arenas, swimming pools, spas, gymnasiums, theaters, water treatment plants, schools, churches, gun ranges, restaurants, clean rooms, equipment enclosures, band & music rooms, car washes, correctional facilities, walls, ceilings & floors, studio or home theater and many indoor & outdoor uses.
Nom. Size: 2' x 4' or optional 1' x 1', 2' x 2'.
Nom. Thickness: 1" or 2".
Color: W = White, C = Charcoal.
Weight: 1" = 1/4 lb./sf, 2" = 1/2 lb./sf.
Flammability: **ASTM E-84 Class 1-A, nonflammable.**

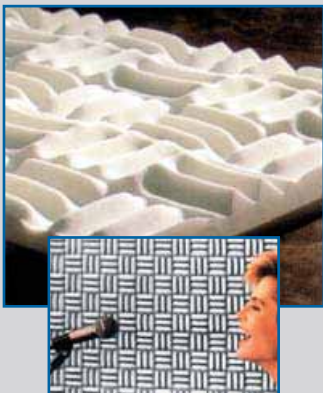


Charcoal Grey White

Sound Silencer P.E.P.P.™ Panel – Sound Absorption / Noise Reduction

Product	Nom. Size	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC/STC
Sound Silencer P.E.P.P.	1" x 2' x 4'	.05/6	.06/5	.21/7	.80/8	.65/10	.75/14	.45/9
Sound Silencer P.E.P.P.	2" x 2' x 4'	.07/9	.21/8	.81/10	.85/10	.93/17	.88/20	.70/13

Noise S.T.O.P.™ SONEXone™ Classic, Valueline or Mini-Pattern, Melamine Acoustical Foam Wall Panels and Contour Ceiling Tiles



■ 100% Fiber Free ■ Lightweight ■ Economical
Material: Melamine acoustical foam.
Pattern: SONEXone™ valueline, classic or mini.
Features: Excellent sound (echo) absorber. Convoluted surface disperses sound waves.
Applications: Suitable for a wide variety of applications and environments for attractive noise control solutions. Offices, manufacturing plants, schools, broadcasting and recording studios.
Nom. Size: 2' x 4'. **Nom. Thickness:** 2", 3". **Density:** 0.7 lbs./cub. ft.
Color: Natural white or optional painted or hypalon finishes: Light gray, white, black or almond.
Installation: ASI Noise S.T.O.P. Acoustical Adhesive.
Flammability: **ASTM E-84 Class A**, Unpainted melamine has a flame spread of 5, smoke density of 45.

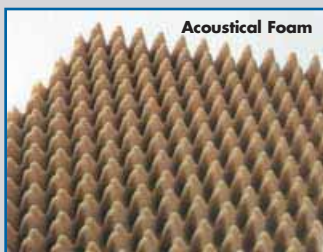


10 Ceiling Tile Patterns Available

SONEXone™ Melamine Acoustical Foam Wall Panels – Sound Absorption / Noise Reduction

Product	Nom. Size	Color	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
SONEXone	2" x 2' x 4'	Natural White	0.11	0.33	0.85	1.05	1.09	1.06	0.85
SONEXone	2" x 2' x 4'	Hypalon	0.13	0.41	0.85	1.18	1.18	1.13	0.95
SONEXone	2" x 2' x 4'	Painted	0.07	0.37	0.77	1.05	1.04	1.03	0.85
SONEXone	3" x 2' x 4'	Natural White	0.09	0.68	1.18	1.18	1.12	1.05	1.05
SONEXone	3" x 2' x 4'	Hypalon	0.13	0.85	1.22	1.22	1.13	1.14	1.10
SONEXone	3" x 2' x 4'	Painted	0.15	0.72	1.20	1.20	1.15	1.13	1.05

Noise S.T.O.P.™ Soundproofing & Acoustical Foam, Sound Wave & Egg Crate Patterns – Value Engineered for Lowest Cost



Acoustical Foam

Material: Open cell melamine or polyurethane acoustical foam, high performance sound absorber.
Pattern: Sound wave pattern. Scientifically engineered pattern designed to absorb the widest range of frequencies and most effectively reduce noise and reverberation times (echo).
Applications: For use in all industrial, commercial, audio, OEM and residential markets, ceilings, walls, partitions, sound studios, radio stations, band rooms, gyms, swimming pools, churches, schools, gun ranges, mechanical rooms, enclosures, etc.
Nom. Size: 24" x 48". **Nom. Thickness:** 1", 2", 3". **NOTE: Pattern and seam match are irregular.**
Color: **Melamine Foam** Natural white, optional painted: white, black, brown, beige, lt. gray. Washable hypalon coated available. **Polyurethane Foam** Brown, blue, charcoal, beige, hunter green & burgundy.
Flammability: **ASTM E-84 Class 1-A, nonflammable.** **UL94HF-1 Class C, Flammable.**



FLAMMABILITY CAUTION: Acoustical foam is flame-spread tested. Packaging foam is often untested and can be extremely flammable.

Acoustical “Egg Crate” Foam Panel – Sound Absorption / Noise Reduction

Melamine Foam							Polyurethane Foam					
Product	Nom. Size	250Hz	500Hz	1KHz	2KHz	NRC	Product	250Hz	500Hz	1KHz	2KHz	NRC
Acoustic Foam	1" x 2' x 4'	.10	.30	.070	0.80	.60	Foam	.17	.40	.72	.76	.50
Acoustic Foam	2" x 2' x 4'	.35	.90	1.25	1.15	1.00	Foam	.31	.73	1.04	1.08	.80
Acoustic Foam	3" x 2' x 4'	.60	1.20	1.35	1.10	1.15	Foam	.50	.91	1.08	1.04	.90

UltraTouch™ High Performance Acoustical Cotton Insulation, No Fiberglass, No Itch – A “Green” Product



May Qualify for LEED Credits.

Material: Recycled cotton. **Features:** No itch, no fiberglass. Environmentally friendly green product. Low frequency sound is the most difficult to control. UltraTouch™ is designed to perform in the most demanding situations. Clubs, band rooms, studios, home AV rooms, theaters, manufacturing plants and enclosures. Install in ceiling, wall or floor cavities, or leave exposed to noise source for optimal noise control. When appearance is critical, use UltraTouch™ behind fabric, perforated panels or wood grills. UltraTouch™ also provides excellent thermal insulation. 3" = R-13, 5" = R-19. Available in Batts, Nominal 16.25" or 24.25" W x 94" L. **NRC 1.37 @ 250Hz.** Also available in R-21 & R-30.

UltraTouch™ Acoustical Insulation – Sound Absorption / Noise Reduction

Product	Nom. Size/Density	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
UltraTouch Insulation	3" 1.2 lb./cf	.95	1.30	1.19	1.08	1.02	1.00	1.15
UltraTouch Insulation	5" 1.2 lb./cf	.97	1.37	1.23	1.05	1.00	1.01	1.15



Echo Eliminator™ Acoustical Cotton Hanging Ceiling Baffle, Recycled Cotton "Green Product" – Wall Panels Available

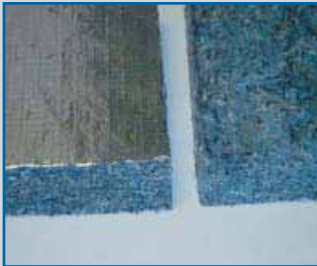


Material: Durable, lightweight, high performance acoustical panel made from bonded acoustical cotton.
Pattern: Flat, textured surface.
Features: Economical, high performance, durable. Can be used anywhere cost effective, high performance sound absorption is needed. Hanging grommets as specified.
Applications: Schools, community rooms, auditoriums, churches, gun ranges, home theaters, home studios, restaurants and equipment enclosure.
Nom. Size: 2' x 4', or optional 4' x 8', 4' x 4', 2' x 2'. **Nom. Thickness:** 1" x 2".
Color: Color available in W = White, C = Charcoal, LtG = Light Gray, Bg = Beige, Mlb = Marble Light Blue, Pb = Pure Blue, Nb = Navy Blue, Bur = Burgundy, Hg = Hunter Green and optional foil face or painted. **Flammability: ASTM E-84 Class 1-A, nonflammable.**



Echo Eliminator Hanging Baffles™ – Sound Absorption / Noise Reduction									
Product	Nom. Size	Weight	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	Sabins/Avg.
Echo Hanging Baffles	1" x 2' x 4'	6 lb./cf	2.43	4.93	8.34	12.35	15.57	16.73	10.30
Echo Hanging Baffles	2' x 2' x 4'	3 lb./cf	2.40	6.55	12.86	17.46	18.49	16.77	13.85

Echo Eliminator™ High Performance, Composite Noise Barrier Soundproofing and Sound Absorber



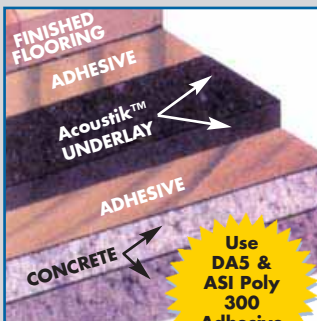
Material: Durable, lightweight, high performance sound absorber/barrier made from recycled cotton.
Features: Economical, high performance, durable. Can be used anywhere high performance, cost effective sound absorption/soundproofing is needed.
Applications: Schools, offices, community rooms, auditoriums, churches, gun ranges, mechanical rooms, home theaters, home studios, restaurants and equipment enclosures. Many OEM uses.
Nom. Size: 1" x 2' x 4'.
Color: **Side A:** Blue flat textured finish. **Side B:** Acoustically transparent, moisture resistant foil face. **Flammability: ASTM E-84 Class 1-A, nonflammable.**

Quiet Duct™ Wrap Available.
 Nom. 3/8" x 4' x 15' or 4' x 75' Rolls.
 Sound Absorbing and Thermal Insulating.



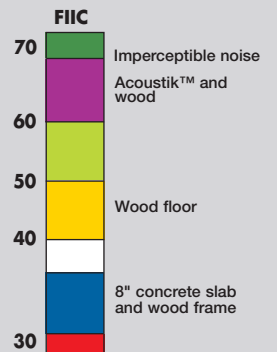
Echo Eliminator™ Composite Noise Barrier – Sound Absorption / Noise Reduction									
Product	Nom. Size	Mount	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC/STC
Echo Composite	1" x 2' x 4'	A	.09/12	.24/12	.86/14	.98/13	.98/20	1.03/29	.75/17

Acoustik™ High Performance Recycled "Green" Acoustic Subflooring – Reduces Impact and Airborne Noise



- Comfortable and resilient ■ Provides high thermal insulation ■ Dampens vibrations
- Fully waterproof, 100% vapor barrier ■ Cost effective ■ Easy to install and work with
- Acoustik™ subflooring is made from 100% recycled tires. Ideal under wood, ceramic or marble floors. It provides better resistance to impact noise and enhances the floors acoustic performance.
- Acoustik™ has been tested by renowned acousticians and/or architects specializing in acoustics.
- This high-quality product is suitable for all types of structures and floor coverings.

Material: Recycled rubber.
Pattern: Flat, semi-smooth.
Applications: Effective impact noise control and soundproofing. For use as a subfloor in new and renovation construction projects. Reduces impact noise and vibrations while reducing airborne sound transmission. Great under hardwood, ceramic or carpet.
Nom. Size: Sold by square foot. **Nom. Thickness:** 1/4", 3/8", 1/2".
Color: Black.
Installation: Adhesive, DA5 & Poly 300, both are MAPEI adhesives.
Flammability: ASTM E-84, Flame Spread: 83 Class C.
 Smoked developed: 315.



Wallmate® The Most User Friendly, Do It Yourself, High Tension Fabric Acoustical Wall System In the Industry!

- ALIGN
- STRETCH
- TENSION
- LOCK
- REOPEN
- ADJUST
- REMOVE
- REPLACE

- Covers any size wall ■ No wall preparation ■ No lath ■ No staples ■ No welting/grimp ■ Excellent acoustical control finish
- Flexible choice of fabrics ■ Choice of installer/do it yourself ■ Fabrics are removeable and replaceable ■ System is reusable

You no longer need to hire an exclusive local contractor to install their specified proprietary stretch fabric wall system. Wallmate® can be approved as an equal to all specified systems and has many advantages over the competition. Its unique, user friendly, hinged track system allows almost anyone to install a professional looking, high tension, stretchable fabric acoustical wall system with nearly unlimited panel sizes.



Acoustical Substrate Material: Echo Eliminator. **Pattern:** Standard Guilford FR 701 Fabric Facings or any decorative fabric of choice.
Applications: Offices, residences, meeting rooms, apartments, condominiums, board rooms, auditoriums.
Thickness: Nominal 1", 2". **Size:** Custom to fit your needs. **Color:** Fabric choice.

- Creating sound environments and beautiful walls in this digitized, amplified, surround sound world. Traditional building methods fail to provide for acoustical control of sound. Soiled or damaged panels are easily replaced.
- The twin problems of reflection and reverberation may require that surfaces be acoustically treated and covered with fabric as a decorative finish.
- Acoustically treating walls have become as much a necessity for helping one listen to sound as quality speakers and systems are to transmitting sound.
- Acoustical Surfaces, Inc. presents Wallmate® high tension fabric mounting system that revolutionizes the way fabric can be applied to walls as both a decorative and acoustical wall finish.
- Wallmate® departs from the traditional method of wall upholstery which still uses wood lath, staples, gimp and welting... a method which has become expensive and specialized. Wallmate® removes the barriers of expense and expertise and exchanges them from simplicity at an affordable cost.
- Most competitive price because almost anyone can install & repair.

SOUND HAS NEVER LOOKED THIS GOOD!



Cecil B DeMille Screening Room, Sony Pictures.



950,000 square foot. Los Angeles, Staples Sports Arena.



Century Plaza Hotel, Main Ballroom, echo problems resolved.

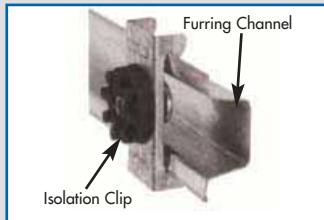


Enterprise Recording Studios.

Wallmate Profiles: All Models Available in 102" (8.5 ft.) Lengths



RSIC-1 Resilient Sound Isolation Clip, an Economical Solution for High STC Walls, Floors & Ceilings



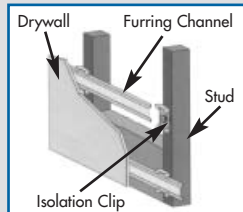
Test Report No. 7785-1-201, Challis Consulting P/L, Australia.

Features: Replaces old fashioned less effective resilient channel.

- Sound Transmission Class (STC) rating of 55, a full 19 dB greater than lesser wall assemblies.
- Experiences with the RSIC-1 have recorded remarkable improvements of up to STC 20 on walls.
- Not only is the RSIC-1 silencing the competition with sound elimination, the RSIC-1 is approved for U.L. Classification in 139 Resistive Design Assemblies. Up to 4 (four) Hour Fire Endurance Tests.
- Tough, durable, attractive. ■ Low cost, high performing.
- Field Impact Isolation Class Rating of 82.
- Floor/ceiling systems utilizing RSIC-1 have recorded STC ratings as high as 60.

PRODUCT HIGHLIGHTS

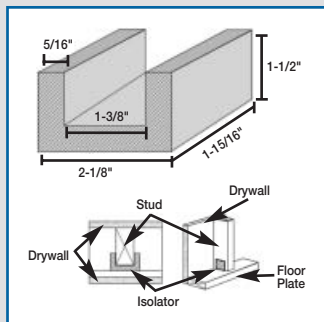
- RSIC-1 Resilient Sound Isolation Clips provide 2 unique approaches to sound privacy that will prevent sound from noisy neighbors transmitting through your walls or floor/ceiling assemblies.
- The RSIC-1 Clips have recorded remarkable improvements of up to an additional 20 STC points on walls.
- The RSIC-1 is designed to retrofit and improve existing walls and ceilings as much as 8-10 db, by actual field tests.



FIIC	FSTC
Field Impact Isolation Class	Field Impact Transmission Class
FIIC 82	FSTC 55

AVAILABLE MODELS FOR VARIOUS APPLICATIONS: • RSIC-1 • RSIC-1 RETRO • RSIC-1 ADM • RSIC-1 TTC • RSIC-1 EXT04 • RSIC-AMI Window Mullion • RSIC-1.5CRC • RSIC-2 (RSIC-1 with 3/8" spacer) • RSIC-2 RETRO • RSIC-DC04 • RSIC-DC04x2 • RSIC-HWI • RSIC-CWB • RSIC-V • RSIC-BB • RSIC-FS

Noise S.T.O.P. Stud/Joist Isolator™, Sound Vibration Isolation Boots for More Effective Sound Attenuation in Wall, Ceiling & Floor



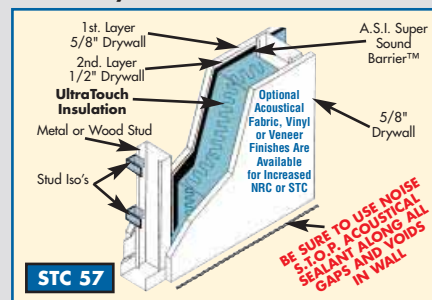
- Material:** Extruded rubber.
- Features:** Extruded shape to fit wood beams and studs.
- Applications:** Metal or wood stud, joist, sound and vibration isolation.
- Nom. Size:** 2-1/8" wide x 1-1/2" high x 2" long.
- Carton Size:** 100 pieces or singles.
- Installation:** Friction fit over stud/joist. 12" - 16" o.c.



Recycled Cotton, **UltraTouch™** Acoustical Thermal Insulation. 3" R-13 & 5" R-19. Nominal 16.25" or 24.25" W x 94" L Batts.

For 1-5 Hour Fire Rated Wall & Ceiling Assemblies, Use ASI Thermal Acoustic Mineral Wool Insulation.

Acoustically Treated New Wall Construction



STC 57

Noise S.T.O.P. SuperSound™ Barrier, Mass Loaded Vinyl Noise Barrier Soundproofing & Barrier with Acoustic Foam Decoupler



Excellent for Soundproofing Walls, Ceilings & Plenums.

- Material:** Mass loaded vinyl. 1.25 & 1.00 lb sq. ft., reinforced also available. Smooth finish.
- Features:** High density, limp material to reduce transmission of sound.
- Applications:** Reduced noise transmission through ceilings, walls, floors, machinery enclosures, ductwork. Apply over suspended ceilings on studs or joists.
- Nom. Size:** Rolls: 54" wide x 20', 30', 60'. **Nom. Thickness:** 1/8"/1.25 lb. sq. ft.
- Color:** Standard black. Optional: translucent, gray (reinforced), clear.
- Installation:** Material can be nailed, glued, screwed, stapled or can be reinforced and grommeted and hung like a curtain.
- Flammability:** **UL94VO.** Optional: 1/2 lb., STC 20, 1 lb. STC 27, 2 lb. STC 32.

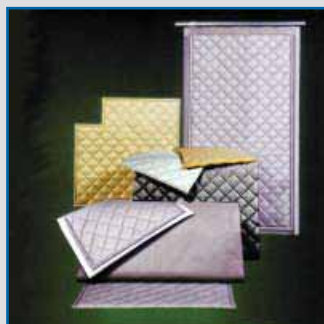
Highest STC at Lowest Price!



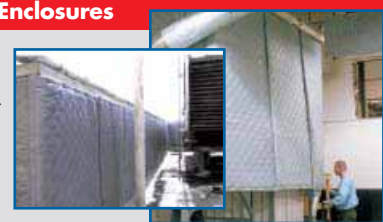
Noise Barrier with Acoustical Foam Decoupler, for Existing Wall Renovation Soundproofing. 20' x 54" roll

SuperSound Barrier™ – Sound Absorption / Noise Reduction								
Product	Nom. Size	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	STC
Barrier	1.25 lb. psf	14	18	24	27	33	38	28
Barrier	1.00 lb. psf	13	17	22	26	32	37	26

Noise S.T.O.P. Quilted Soundproofing™ Absorptive/Noise Barrier Quilted Curtains and Enclosures



- Material:** Acoustical foam or fiberglass core, faced with quilted aluminized fabric.
- Pattern:** Quilted pattern.
- Features:** Effective and durable absorber with mass loaded vinyl noise barrier option.
- Applications:** Effective solution to wide range of unusual problems, machinery and work area enclosures, music booths. Silicone fabric available for outdoors.
- Nom. Size:** Standard 4' x 8' panels. **Nom. Thickness:** 1" & 2".
- Color:** Silver, white, black, tan (other colors available upon request).
- Installation:** Hook and loop fasteners, grommet hangers, curtain support hardware.
- Flammability:** **ASTM E-84, Class A.** Flame Spread: 23. Smoke Developed: 30.



Quilted Soundproofing™ Curtains – Sound Absorption / Noise Reduction								
Product	Description	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC/STC
Quilted Curtain	2" Thick w/Barrier	.07/13	.27/20	.96/29	1.13/40	1.08/50	.99/55	.85/32
Quilted Curtain	1" Thick w/o Barrier	.04	.46	.86	.81	.59	.31	.70
Quilted Curtain	2" Thick w/o Barrier	.07	.27	.91	1.13	1.08	.99	.85

Noise S.T.O.P.™ High Performance Soundproof Windows and Soundproof Doors – Affordable



Noise S.T.O.P.™ Soundproof Windows and Doors are engineered to be budget friendly. The **Studio 6 Soundproof Window** has an STC up to 56. The windows are easy to install, quick turnaround times and a range of sizes from 2' x 2' to 4' x 8'.

- Fits wall assemblies from 4-1/2" in thickness and greater
- Anodized aluminum frames with standard frame finishes of natural aluminum and bronze. Also available in other specialty finishes
- Custom glass available (safety glass, argon, tinted and etc.) *Note: Using custom glass may change the STC value.*

The **Noise S.T.O.P.™ Studio 3D Soundproof Door** has an STC up to 56. Available finishes ready to stain are maple, cherry and birch. Door hardware comes in nickel or brass. Select from standard or custom pairs as large as 6' w x 8' h. This **Studio 3D Soundproof Door** is a high performance low cost soundproof door.

- Products Tested Per ASTM E-90
- Custom manufactured acoustic door to any size specifications
- Approx. 300 pound door assembly
- 2-3/4", 5 Layer door assembly
- Comes pre-hung and assembled.



Climate Seal™ Acoustical Window inserts are an affordable way to soundproof existing windows. **REDUCE NOISE UP TO 80%**

For information please visit www.acousticalsurfaces.com or call 888-216-6867.

www.climate seal.com

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