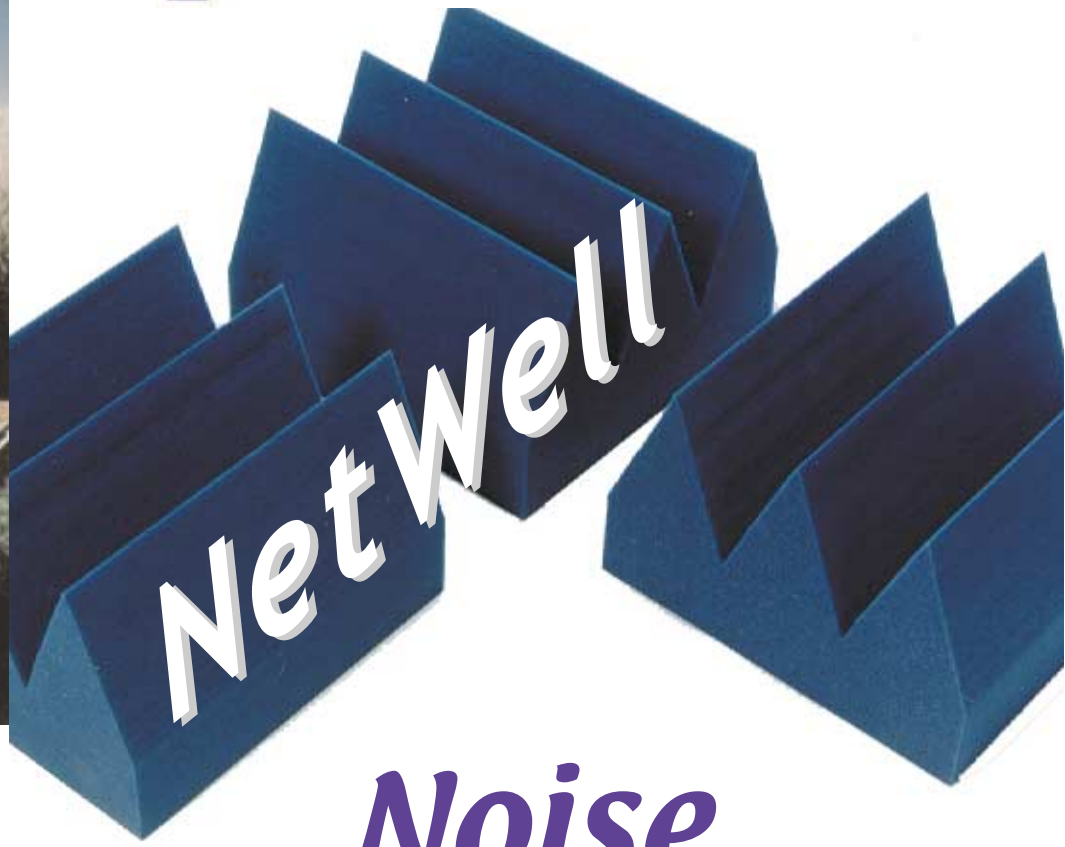
ROUTE TO:
- ☐ ENGINEERING
- ☐ FACILITY MANAGER
- ☐ PURCHASING
- ☐ SAFETY DIRECTOR
- ☐ _____

For more information, application assistance or to place your order:

CALL: 1 (800) NETWELL

or E-mail: **www.asknetwell.com**



Noise Control Solutions

Architectural • Audio • Industrial

NetWell Noise Control

6125 BLUE CIRCLE DRIVE
MINNETONKA, MN 55343

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US Postage
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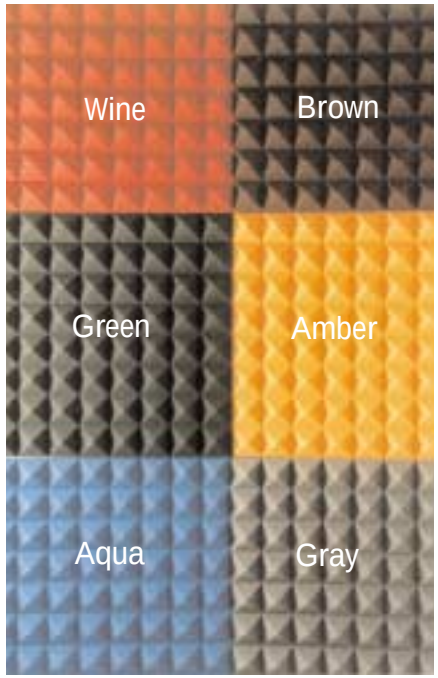
Your Sound Solution for Noise Pollution!



Choose from six standard colors on all foam orders.

We solve noise problems!

Contents

FAX: 612-939-9845 • Web: http://www.asknetwell.com

Noise Control

How to fight your

oise is everywhere. In he workplace, it creates ll kinds of problems. rolonged exposure to oise causes irreversible earing loss. Noise drains worker morale and pro- uctivity, reduces profits nd creates potentially- amaging liabilities for mployers.

Fortunately, there are ways to fight back. The do-it-yourself" products n this catalog can control he majority of noise roblems found in the workplace. To find the roduct that's right for ou, it may help to xplore some basic noise ontrol techniques and etter define your prob- em.

hree Ways o Control Noise

In architectural coustics, most noise roblems can be charac- erized using the SOURCE – PATH – ECEIVER" model. That s, noise problems can be ased on a noisy source .e., machine), a poor oise path (i.e., sound scaping through a loose- tting door), or a poor eceiver result (i.e., a noisy industrial environ- ment).

Thus, noise problems can be solved using any of three methods:

1) Reducing noise pro- duced at the source with mufflers, engi- neering controls, etc. (source treatment);
2) Controlling noise along the path with enclosures, barriers, absorption, etc. (path treatment); or
3) reducing sound at the listener with earplugs, headphones, etc. (receiver treatment).

Since engineering con- trols are often impracti- cal and controlling noise at the receiver avoids the very core of noise control (reducing noise levels) and is difficult to insure, the bulk of industrial noise control is accom- plished by treating the noise path.

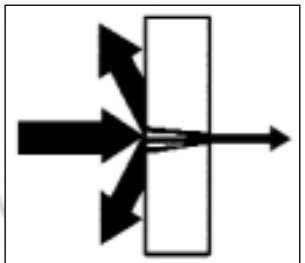
Treat The Noise Path

To isolate noise, you need to isolate the many paths it takes from source to receiver. The sound you hear within any room is a combina- tion of the sound pro- duced by people and equipment in the room, reflections off walls, ceil- ings, floors and other objects in the room, and transmitted noise from sources inside or outside the room.

What Noise Are You Hearing?

When sound hits any surface, it takes three paths: some goes through the surface (noise transmission), some dissipates within the surface (causing vibration), and some reflects back off the sur- face (noise reflection).

To fight these different noises, there are three basic types of acoustical materials: barriers to block sound, dampers to reduce vibration, and absorbers to reduce reflected sound energy



Barrier

30 March 1997

Dear NetWell:

My wife and I are members of the Building Committee of Baylake United Methodist Church in Virginia Beach. During January through September, 1996, Baylake underwent a $1.3 million construction of a multi-purpose gym/social, hall. Upon completion in September, we experienced an echo, sound reverberation problem of such, magnitude as to severely limit its useful- ness as a social hall. No one was, happy and both the architect and the con- tractor were at a loss as to a solution.

The first weekend in December, my wife and I accompanied our daughter who was working on a girl scout project in the gym/social hall at Faith Lutheran Church in Marietta, GA. Upon entering the building, we immedi- ately noticed the mustard and ketchup colored panels hanging from the ceil- ing. Our curiosity led us through several members of the congregation and eventually to a call to the, church property committee. They referred us to you.

As a result of these observations, our architect (Howard Wright) and con- tractor (Creative Structures) contacted you. You proposed, and they accepted, a solution similar to that used by Faith Lutheran. Selling this solution to our Administrative Board was no small task. Members were nearly unanimous in the feeling that no one could possibly solve the problem without being on site and that nothing as simple as baffles hanging from the ceiling would help in any way.

The installation was completed slightly over a month ago and our members could not have been more pleased. Not a single person has been disappointed and our worst critic even nominated my wife and me for a letter of appreciation for finding the solution.

Both the architect and the contractor were sufficiently impressed that both requested samples from you for future use. The architect has built many churches in the area and the contractor usually has several schools under con- struction.

My wife and I thank you very much for your help. And Baylake United Methodist Church thanks you for solving our problem.

Sincerely,

William Waller,Jr.

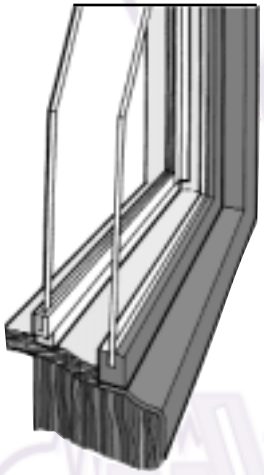
Call (800)NETWELL (638-9355) • EMAIL: mrustad@asknetwell.com
FAX: 612-939-9845 • Web: http://www.asknetwell.com

Windows

Acoustic Therm-O-Lite Windows

Therm-O-Lite interior insulating windows are installed right over existing windows, making them a terrific alternative to total window replacement. Ideal for any scenario where a combination of noise or thermal leakage exists, these custom cut windows reduce air infiltration by as much as 75-90%. The dead air space between the original window and the interior Therm-O-Lite window will also generate a 10-15 dB drop from outside noise trying to enter in. The 70% reduction in solar heat gain will also lower heating and cooling bills! Available in single encasement, double hung or horizontal slider.

Call for more details!



APPLICATIONS

- ✓ Hotels
- ✓ Apartments
- ✓ Commercial Office
- ✓ Industrial
- ✓ Residential
- ✓ Schools
- ✓ Churches

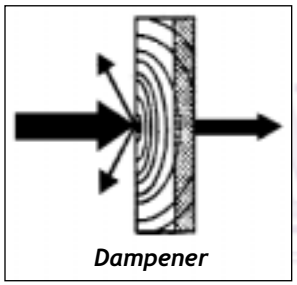
TEST RESULTS

Frequency(Hz)	125	250	500	1K	2K	4K	SRC
No Therm-O-Lite	11	17	21	26	26	28	24
With Therm-O-Lite	12	23	30	44	46	41	35

—Due to production costs, minimum orders are required on this product. Not designed for a single window for a single room, but rather a multiple treatment with minimum 10 windows of equal size.

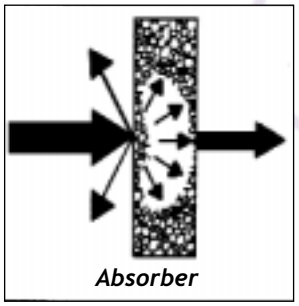
Noise Control

h i d d e n e n e m y



Dampener

Noise control, then, is simply a matter of applying the right acoustical material(s), in the right amount(s), in the right place(s) along the noise pathway from source to receiver.



Absorber

NetWell can help you determine which approach works the best for your situation.

A Sound Noise Control Strategy

The best strategy is to start close to the noise source and work outward First, if you can, enclose the noise source. If that's not an option, consider isolating it with acoustical curtains or barriers. If neither of these options are possible, then you should treat your facility with absorption material (baffles, foam panels, wallcoverings, etc.) to soak up airborne noise energy. Again, start near the noise source then add acoustical materials in other areas to control reflected noise.

As you browse this catalog, remember this general approach.

Ask Us For Answers

There is never a right answer for treating unwanted sound. That's why we're here to help. We're fully trained to work within your budget to help identify the products that will best meet particular needs.

Please call us with your questions. We can help:

- Define problems
- Identify product applications
- Quote costs based on your budget
- Forecast results
- Address installation procedures
- Underbid competitive quotes
- Rush samples to you

"Before You Call..."

- (What are your room dimensions?
- (What is your noise control objective?
- (What is/are location(s) of noise source(s) relative to receiver positions?
- (Are you treating noise transmission or reflection (echo)?
- (Can you enclose the noise source?
- (If not, can you surround the source with a curtain or other barrier?
- (If not, can you install acoustical materials to absorb airborne noise?
- (Do you need transparent material?
- (Do you need material resistant to fire, heat, moisture, oil, stains, abuse, other?
- (Do you need clean room or USDA approved materials?
- (Are aesthetics important?

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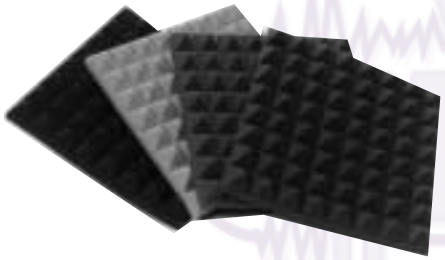
Polyurethane Foam

Pyramids

Our most popular noise absorber! hese 2' x 2' symmetrical square cuts f acoustic PYRAMID foam offer a leasing continuity to any wall sur - ace!

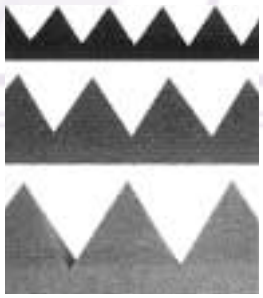
Seamless in their installation, and imple to put up, these diamond hape bevel cuts attract your eye and etract your echo! Turn any noisy ounce in your room into a whisper. vailable in 2, 3, or 4" thicknesses to ttack the frequency of your choice!

Try our CORNER STIX to pull two adja - ent walls together where the PYRA - MIDS meet!



APPLICATIONS

- ✓ TV, Radio Broadcast
- ✓ Voice Over
- ✓ Recording Studio
- ✓ Home Musician
- ✓ Surround Sound
- ✓ Telemarketing



2-, 3- AND 4-INCH THICKNESSES

TEST RESULTS

Frequency(Hz)	125	250	500	1K	2K	4K	NRC
Pyramids2inch	0.15	0.17	0.49	0.73	0.66	0.68	0.50
Pyramids3inch	0.44	0.48	1.19	1.12	1.16	1.16	1.00
Pyramids4inch	0.39	0.60	1.21	1.08	1.16	1.13	1.05

Corner Stix

Try these new 4' CORNER STIX that erve to pull two adjacent walls of Pyramids or VCUTS together for a more finished look. We'll match the thickness and color of foam to your existing Pyramid or VCUT wall treat - ment.

—If your noise source includes low bass music, bump your order up to the 3" thick Pyramid. You will triple your absorption coefficients over the 2".

Metals

Silencers

Inlet and Exhaust SILENCERS reduce noise using a barrier/ absorber surface that smooths the airstream and reduces turbulence on intake and exhaust systems. These silencers are an excellent way to reduce noise and increase effi - ciency on intakes and exhausts of totally enclosed fan-cooled motors, blowers, burners and other industri - al equipment.

SILENCERS are designed to pro - duce very little pressure drop while significantly reducing noise in both the higher and the more difficult to control lower frequencies.

Available in a wide variety of sizes, shapes and materials, SILENCERS utilize compact designs and light - weight materials so they install with - out using expensive supporting hardware.

Call for more complete informa - tion, performance data, pricing, and custom installation guidelines.

NetWell also designs and fabri - cates a variety of OEM Foam products for any applica - tion.

Call us for quotes, material sam - ples and prototypes.

APPLICATIONS

- ✓ Industrial Blowers
- ✓ Pump Motors
- ✓ Industrial Equipment
- ✓ Refinery
- ✓ Oil Field
- ✓ Steel Mill

Acoustibooth

This is a three-sided partial phone booth with a perforated metal interior facing designed to block outside noise interfer - ence and create a more communicative setting in any loud industrial setting.

The ACOUSTIBOOTH phone station boasts an average 12-20 decibel level drop for any industrial plant worker looking for quick, quiet phone contact!

TEST RESULTS

Frequency(Hz)	125	250	500	1K	2K	4K	STC
Acoustibooth*	2	6	14	27	18	18	17

*MEASURES THE REDUCTION IN SOUND LEVEL, IN DECIBELS, AS SOUND ENERGY PASSES THROUGH A MATERIAL

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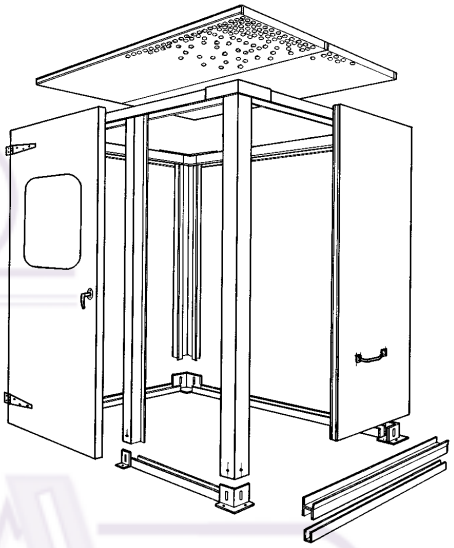
Metals

Industrial Enclosures

All panel components are precision ormed for consistent dimensional ontrol. Outer panel face is 20 ga. teel and up to 16 ga. perforated steel uch as 3/32" diameter holes on 5/32" staggered centers. Both panel aces are formed from hot-dipped or luminized steel for years of trouble-ree service. Paint finish available. coustic fill is a nonflammable materi-l substance of 4-pound density. Panel thicknesses of 2 1/8", 3 1/4", nd 4 1/4" are available. Double bulb exible neoprene gasketing located in he center portion of each panel edge nsures a positive seal between anels. Where extreme low frequency ound attenuation is required an addi-onal septum material is added to the nterior of the panel. All acoustic fill is wrapped in 2 mil. plastic. The acoustic

ll can be spaced away from the per-orated panel face with a wire type mesh.

Doors are usually 16 ga. construc-on and are flush or double seal esigns with or without thresholds. Cam lift doors and magnetic seals vailable. Windows glazed with afety plate or polycarbonate.



Two modular systems are avail-able:

- the REPLACEMENT panels (RP)
- the STRUCTURAL panels (T&G)

The RP is supported from a rigid steel framework. This offers superi-or noise containment and immedi-ate access to any part of your equipment and has no clips, bolts or other fastening devices. The T&G is a self-supporting interlocking sys-tem. This requires no framework—it is its own frame. All clips, bolts or other fastening devices are includ-ed.

Call for quotes on custom configu-rations.

TEST RESULTS

Frequency(Hz)	125	250	500	1K	2K	4K	STC
Enclosure, 2inchwall	31	34	37	39	43	47	38
Enclosure, 4inchwall	34	36	40	45	49	51	43

Polyurethane Foam

MAX Blocks

The thicker the foam, the harder the frequency wave has to work to free itself. These 1' x 1' cubes of acoustic foam are designed to tackle the tough-est sound absorption projects. Ideal for sound testing, anechoic chambers, impact noise or where extreme low bass frequencies are prevalent. These MAX Soundblocks are the ultimate echo killer! The standard cubes are available in 6" or 8" thicknesses, with up to 36" thick panels available. They can also be custom quoted in a fiber-glass core. The blocks stack on top of one another, perpendicular to all com-mon edge panels. They force the noise down and into the deep crevices of the foam for ultimate noise abatement.

APPLICATIONS

- ✓ Anechoic Chambers
- ✓ Punch Presses
- ✓ Drum Rooms
- ✓ Low Bass Noise

TEST RESULTS

Freqency(Hz)	125	250	500	1K	2K	4K	NRC
Max8inch	0.81	1.63	1.57	30	45	1.42	1.55
Max6inch	0.41	1.05	1.42	1.36	1.37	1.51	1.3

VCUTS

A popular alternative to the Pyramid design, these 2' x 2' shark tooth style VCUTS of the same foam boast equal results! As you rotate each piece dur-ing installation, a pleasing checker-board pattern will emerge to provide maximum sound absorption with an equally pleasing visual impact in any room! Can be custom painted upon request!

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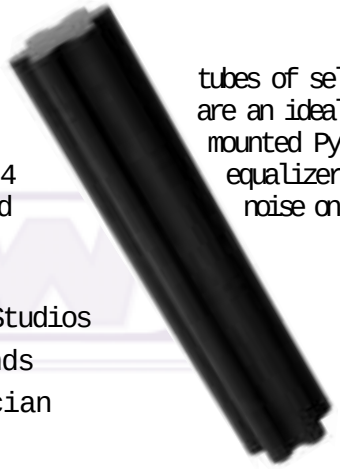
Polyurethane Foam

Columns



These 10" diameter tubes of self standing acoustic foam are an ideal compliment to our wall coustic COLUMNS are mounted Pyramids. A great mobile deal for portable sound equalizer for any unwanted bass bsorption. Available in 4 noise on any studio setting floor! oot lengths, these fluted

APPLICATIONS

- ✓ Recording Studios
- ✓ Garage Bands
- ✓ Home Musician
- ✓ TV, Radio

Contours

These 12" x 12" trian- two stacked pieces will gled cuts of CONTOUR easily fill one corner of foam designed for an 8' wall for additional portable corner installa- tone and balance in a tion are ideal bass traps variety of recording or for maximum sound broadcast facilities. Also absorption in makeshift ideal for your home audio rooms. With a flut- garage band, studio, or ed front and a 4' length, portable setups!

Flats

Available in 4' x 4' squares, our LATS Polyurethane Foam cuts are deal for a variety of thinner sound pplications. Whether for OEM cut ps, self made cloth wrapped coustic panel fill, office equipment nclosures, or more, these 1" thick at panels are ideal for a variety of mid range sound problems.

Be careful though! Thin flat foam with no base thickness or contour will yield marginal results with low bass noise sources!

APPLICATIONS

- ✓ Thin Enclosure Linings
- ✓ Speaker boxes

Metals

Perforated NetMetal Panels

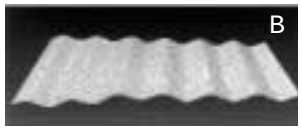
The ultimate in soundproofing per- formance and elegance! You select from the custom corrugation pat- terns, or opt for a flat or baffle style perforated NetMetal Sound Absorption Panel! Installed in a sus- pended ceiling grid system, or wall mounted to a furring strip bracket system, these NetMetal Panels are ideal in a variety of interior or exte- rior finish applications!

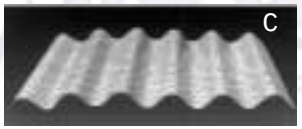
The perforated aluminum facing measures .032 inches thick, with a 13% open area. It receives a two coat paint system consisting of a .2 mil prime coat and a .8 mil finish coat of fluoropolymerpaint contain- gin 70% KYNAR™ 500 resins. The finish is cured and bake dried to insure proper paint adhesion and uniform surface hardness. Available in white or tan. The acoustical insulating fill is encapsulated in a PVC skin.

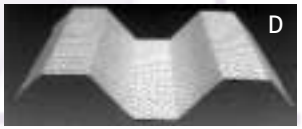
All panels meet class A require- ments in accordance with ASTM E 84 with an NRC rating of 1.00!

APPLICATIONS

- ✓ Commercial Office Ceilings
- ✓ Schools
- ✓ Industrial Plants
- ✓ Outdoor Nooise Enclosures
- ✓ Bar/Restaurants
- ✓ Health Clubs







TEST RESULTS

APPLICATION	SOUND PAD	MOUNT	125	250	500	1K	2K	4K	NRC
Ceiling	1.5'/1.5# density	E-400	0.7	1.02	0.86	1.04	1.06	0.99	1
Wall	2.0'/1.5# density	A	0.13	0.82	1.15	1.11	1.05	0.9	1.05

DNM

DNM-1 reduces reverberant sound by adding mass and density to metal surfaces. Apply it to walls, enclo- sures, machinery, ducts, etc. to reduce vibrations and noise. An effective way to increase sound transmission loss in hundreds of applications.

Available in Buff or Light Grey color.

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FAX: 612-939-9845 • Web: http://www.asknetwell.com

Blankets

Strip Curtains

Vertically suspended, transparent STRIP CURTAINS are an ideal noise ontrol barrier to sound traveling hrough doorways or for transparent nclosure applications around noisy machinery. Also good for controlling ust and air infiltration. Available in 8" wide strip sections, with 100% overlap etween two layer to minimize leakage. Ask NetWell about custom mounting ardware available to fit your installa- on needs.

APPLICATIONS

- ✓ Loading Docks
- ✓ Spray Booths
- ✓ Welding Screens
- ✓ Conveyor Systems
- ✓ Where Visibility is Required

TEST RESULTS							
Frequency(Hz)	125	250	500	1K	2K	4K	STC
dB Loss(STC)	8	13	17	22	27	31	20

Outdoor QOB Blankets

For any stationary outdoor noise ource, try our custom QOB BLANKETS ut from the same QBS-1 Indoor blan- ets but wrapped in a water protective ilicone skin. Resistant to UV Rays, tem- erature and moisture, these blankets will make the neighbors happy!

Contact NetWell for installation guide- nes.

APPLICATIONS

- ✓ Outdoor HVAC
- ✓ Outdoor Pumps
- ✓ Noise Fence Barriers
- ✓ Street Traffic
- ✓ Portable Construction Sites

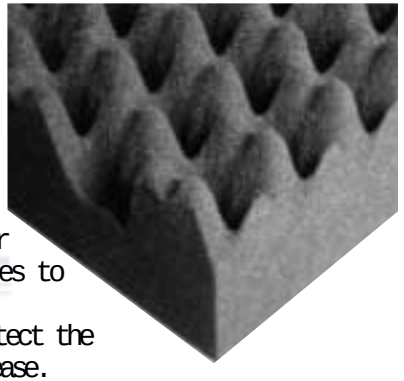
TEST RESULTS							
Frequency(Hz)	125	250	500	1K	2K	4K	NRC
NRC	0.12	0.47	0.85	0.84	0.64	0.62	0.7
STC	11	16	24	30	35	35	27

Polyurethane Foam

Wedges

Our most popular industrial noise source absorber! The featured contour profile helps trap industrial sound sources in their wake! The open cell structure and surface space of the foam help to maximize your echo drop. Take any unencloseable noise source, line the perimeter of your surrounding walls with our WEDGES, and dissipate up to 80% of your unwanted sound. Available in three thicknesses to attack your specific frequency band.

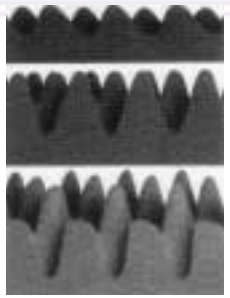
Ask about our Hypalon Coating that will protect the foam from airborne moisture, dirt, dust or grease.



APPLICATIONS

- ✓ Factory
- ✓ Metalworking
- ✓ HVAC
- ✓ Assembly
- ✓ Compressors
- ✓ Punch Press

TEST RESULTS							
FREQUENCY(Hz)	125	250	500	1K	2K	4K	NRC
Wedges2-inch	0.15	0.31	0.73	1.04	1.08	1.12	0.8
Wedges3-inch	0.17	0.5	0.91	1.08	1.04	1.1	0.9
Wedges4-inch	0.32	0.93	1.43	1.33	1.29	1.21	1.25



2-, 3- AND 4-INCH THICKNESSES

—Note that the base and tips of the convolutes on the WEDGES will not align evenly from piece to piece. For continuous patterns, opt for the Pyramids or the VCuts!

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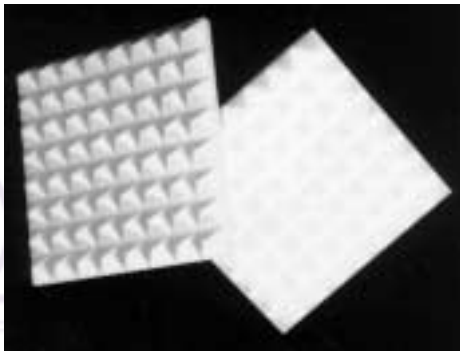
FAX: 612-939-9845 • Web: http://www.asknetwell.com

Melamine Foam

Pyramids Plus

A class A fire rated version of our opular acoustic PYRAMID foam pan- ls! (Note the size difference between he PYRAMIDS PLUS and our standard anels.) Cut into a 16" x 16" squares, hese continuous diamond beveled melamine PYRAMIDS are simple to nstall, aesthetically pleasing to the ye, and can be painted with any latex aint to match the decor of any public acility! Class A Fire Rated!



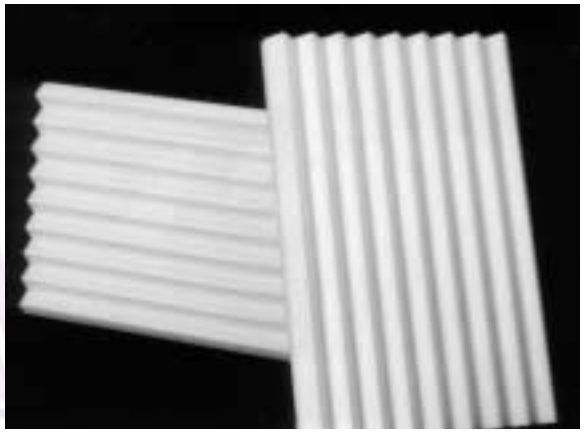
APPLICATIONS

- ✓ Public Buildings
- ✓ Studios
- ✓ Band Rooms
- ✓ Hotels
- ✓ Casinos

—Ask about our Hypalon Coating that can be applied to the face of any foam material to protect it from oil mist, dust, dirt, moisture, and will also serve to protect your room from foam dust!

VCUTS Plus

A popular shark's tooth cut f our classic melamine foam. Rotating each VCUT PLUS anel creates a stunning visu- l checkerboard affect while irecting a lateral wave ounce for maximum acoustic issipation in a variety of pub- c facilities. Available in 2, 3, nd 4" thicknesses!



Blankets

QBV-1

A popular alternative to our QBS-1 Blankets, these QBV-1 BLANKETS have an EXTERNAL barrier vinyl backside with a 1" thick quilted absorption blanket sewn to the front side. Ideal where greater flexibility or durability are required, including high traffic areas or near machines that spit chips or metal.

Contact Netwell for samples!

APPLICATIONS

- ✓ Window Coverings
- ✓ Encloseable Noise Sources
- ✓ Machine "Jackets"
- ✓ High Abuse Industrial Environments

—A better alternative to our QBS-1 blanket where durability or flexibility is a must!

Reinforced Vinyl Blanket

Acoustical Absorption Properties							
Frequency(Hz)	125	250	500	1K	2K	4K	NRC
QB-1Blankets	0.76	0.89	0.82	0.38	0.53	0.35	0.75
Acoustical Transmission Properties							
Frequency(Hz)	125	250	500	1K	2K	4K	STC
QBV-1Blanket	11	16	24	11	35	35	27
QBS-1Blanket	12	16	27	12	44	43	29

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Blankets

QBS-1 Blanket

Our most popular acoustic blanket. Cut into 4' widths x custom length, or vailable in any custom size required, hese QBS-1 BLANKETS are grommet - ed across their tops and velcroed own both sides for interconnection. Boasting average 15-20+ decibel level rops, these self hanging blankets are uspended either from a ceiling or oor mounted frame. The vinyl barrier s sewn internal to the material. Contact Netwell for samples!

APPLICATIONS

- ✓ Pumps
- ✓ Compressors
- ✓ Grinders
- ✓ Conveyors
- ✓ Stationary Noise Sources
- ✓ Furnace Room
- ✓ Residential Enclosures
- ✓ Temporary Window Covers

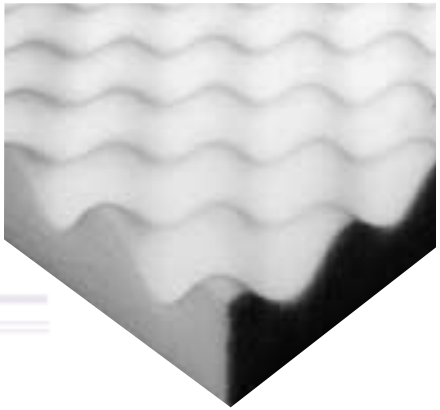
—Custom slits, holes, patches, windows, strip curtains and more can be sewn into your order! We'll draw it on a CAD for your approval prior to production!

QB-Blanket

Simple sound absorption fiber - lass blankets, 1" thick, designed for ertical suspension where echo con - rol is a must. These QB-1 BLANKETS do NOT have any barrier lining attached, weakening any transmission loss properties, but are ideal for class A fire rated echo control!

Melamine Foam

FireFlex



One of our most popular class A fire rated materials used in a variety of noise infested facilities! This melamine foam product is a must in any industrial setting where plant noise is associated with high levels of heat, humidity, flames or sparks. The multiple thick - nesses are for your choice based on your frequency problem. The material is heat resistant to 470+ degrees Fahrenheit!

Ask about our Hypalon skin spray on treatment for moisture resistance!

APPLICATIONS

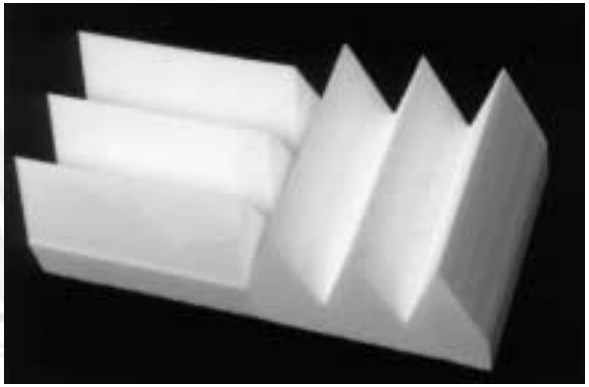
- ✓ High temperature
- ✓ Welding Areas
- ✓ Public Buildings
- ✓ Energy Plants

TEST RESULTS

Frequency(Hz)	125	250	500	1K	2K	4K	NRC
Firefle2"	0.03	0.31	0.81	1.02	1.01	0.96	0.8
Firefle3"	0.13	0.74	1.26	1.18	1.12	1.03	1.1

MELAMAX

These 1' x 1' cubes of MELAMAX panels cut from our melamine foam with the 3-V tapered pattern are ideal for low bass, anechoic or impact sound test locations where high heat or tempera - ture levels are found.



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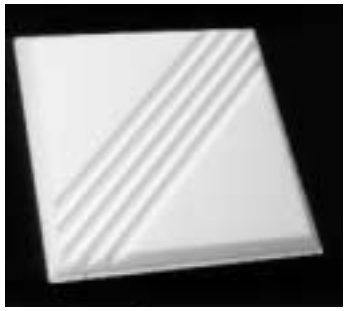
Ceiling Tiles

Full Ceiling Tile



These 2' x 2' square drop in melamine foam CEILING TILES are the most attractive ceiling lternative in today's acoustic market! Note the legant pattern designs of your choice, as well s the added absorption values over standard berglass tiles. An ideal choice for any audio or ffice setting. The rigid backboard prevents hrinkage and guarantees life long value! Select the bevel design of your choice!

NRC=.90"!

Trim Tile

A popular alternative to the standard tile, these 2' x 2' melamine foam TRIM TILES are cut thinner to glue on to any finished, smooth ceiling surface. A popular way to soundproof an existing ceiling where no drop in grid system is practical!

NW-A NW-B NW-C NW-D NW-E

Pebble Tile

New to the line of Netwell ceiling treatments, these attractive, 2' x 4' nubby patterned fiberglass PEBBLE TILES yield excellent acoustic results! A popular look at a popular price!

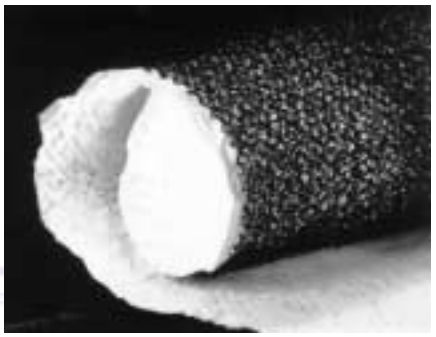
Call Netwell for free samples.

Granite Tile

For sound escaping through a drop in ceiling tile grid system, these barrier backed 2' x 4' ceiling GRANITE TILES add outstanding transmission loss values to any room needing sound protection! They will absorb echo within the room, and block sound from entering or escaping through the ceiling!

Flooring

Enkasonic



New to the line of popular transmission loss products offered through Netwell Noise Control, the ENKASONIC sound control matting serves as an isolation barrier for noise transmitting though a common floor. First, line the base walls around the perimeter of the room with the Isolation Strips. Then lay the ENKASONIC material black mesh side down and tape its seams. Overlay with two layers of 3/4" plywood and finish the floor as you wish. The resulting 20+ decibel level drop will keep you and your neighbors happy!

Contact Netwell for complete installation guidelines and samples!

APPLICATIONS

- ✓ Floor Transmission
- ✓ Multi Dwelling Units
- ✓ Bar/Restaurants
- ✓ Single Family Homes

—Line the perimeter base of your walls with the Isolation Barrier. This prevents floor noise from vibrating to connected walls for structural leakage. Then install your Enkasonic, and trim off the excess IsoBarrier prior to applying your flooring surface.

PERIMETER ISOLATION BARRIER

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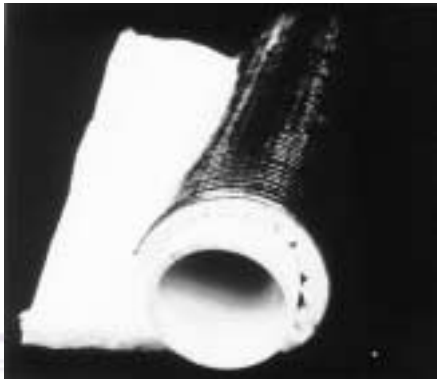
Composite Barriers

Netlag

Our #1 seller for external wrap around oisy pipe and ductwork! Easy to cut and rim onsite. Simply jacket NETLAG round any cylinder containing noisy air r liquid flow, and tape the seams shut! our 15-20 decibel level drop will please ven your harshest critic! Ideal for indus - rial or residential noise!

Also works well to lay on top of existing eiling tiles to halt sound transmission.



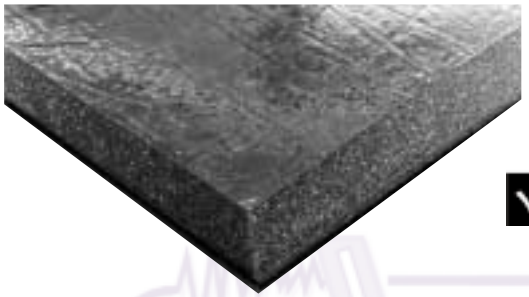
APPLICATIONS

- ✓ Pipe Wrap
- ✓ Duct Wrap
- ✓ Enclosure Linings

TEST RESULTS							
Frequency(Hz).	125.	250.	500.	1K.	2K.	4K.	STC.
NetlagDuctWrap	15	16	21	26	33	38	26

FBF-1M

Our #1 seller for enclosure linings! ake a stationary noise source with ny enclosure or shroud surrounding . Line the inner walls with this FBF- 1 M composite material, and drop 15-20 decibels of sound from trans - mitting through those walls! The self protective aluminized mylar skin will preserve the material for years of service. Easy to cut and trim onsite. Simply glue to the walls and enjoy!



APPLICATIONS

- ✓ Enclosure Linings
- ✓ Wall Cavities
- ✓ Between Floor Joists

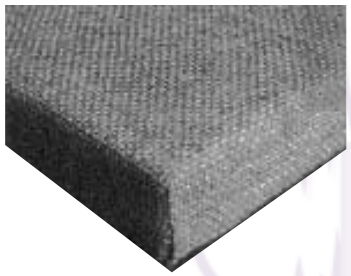
TEST RESULTS								
Frequency(Hz).	125.	250.	500.	1K.	2K.	4K.	AVG.	
FBFBarrier	20	21	25	28	32	42	27	STC
Absorber	0.33	0.24	0.63	1.23	1.35	1.14	0.85	NRC

Baffles

Fabric Baffles

A perfect ceiling compliment to our Fabric Wall panels, these FABRIC BAFFLES suspend vertically in rows and columns throughout any large, open air facility for combination wall and ceiling treatment!

Contact NetWell for recommended quantities, color charts and installa - tion guidelines!



Call for free color chart!

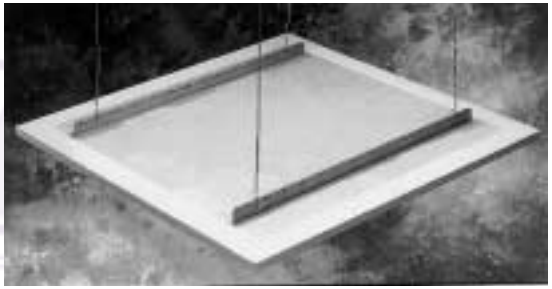
APPLICATIONS

- ✓ Schools
- ✓ Gymnasiums
- ✓ Classrooms
- ✓ Theaters
- ✓ AV Rooms
- ✓ Conference Rooms
- ✓ Lobbies

Clouds

Horizontally suspended versions of the Fabric Baffles, these 4' x 4' FAB - RIC CLOUDS are an ideal treatment where either a low ceiling pre - vents vertical baffle installation, or where the artistic affect of the horizontal look lends itself to the ambiance of your room! Hardware installed on the back - side of the panels allows for sim - ple self installation.

Contact NetWell for color charts and quantities recommended!



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Baffles

VET Baffles

The most popular, cost effective baffle in he catalog! Available in variety of colorful PVC skins, these 2' x 4' VET BAFFLES are lass A fire rated, waterproof, and simple to nstall. Contact NetWell to determine quan- ties and configurations for vertical suspen- ion in a variety of loud, cavernous facili- es. Color charts available.

APPLICATIONS

- ✓ Veterinarians
- ✓ Animal Shelters
- ✓ Printing Presses
- ✓ Industrial Plants
- ✓ Gymnasiums

TEST RESULTS							
Frequency(Hz)	125	250	500	1K	2K	4K	NRC
VetPanelsand Lapendaries	0.38	0.64	1.28	1.6	1.5	1.12	1.25

—If you position all of your baffles in parallel rows, you will get a "combing" effect of noise escaping through the baffles without ever getting caught. Try positioning 20-30% of them perpendicular to the rest to intercept the combing!

Lapendaries

An extended version of our VET BAFFLES, these longer LAPENDARY BAFFLES loop from grommet to rommet vertically or horizontally, reating the visual banner style reatment for larger theaters, gymna- iums and concert halls.

Contact NetWell for PVC color charts or access our website!

APPLICATIONS

- ✓ Arenas
- ✓ Concert Centers
- ✓ Sanctuaries
- ✓ Theaters

Barriers

dB-Bloc

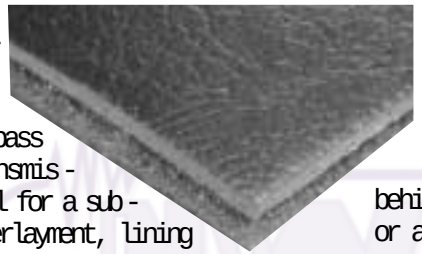
This thin, weighted barrier vinyl is ideal for protecting one room's noise from the next! Apply to any common wall, ceiling or floor surface to fight off unwanted sound transmis- sion. Protect yourself, protect your neighbors. Whenever possible, compliment the use of this weighted material with a double wall, floating wall, or furring strip system. Also works well to lay on top of existing ceiling tiles to combat noise leakage. Also available in a Reinforced version designed to sustain its own vertical weight for suspension!

TEST RESULTS							
Frequency(Hz)	125	250	500	1K	2K	4K	STC
Transmissioboss(dB)	13	17	21	28	34	40	26

—For newer build or remodels, apply dB-Bloc to a staggered studded wall or a double wall construction. The weight of this barrier combined with the disconnected wall structure will help to combat structural vibra- tion from pulling through your wall! Call NetWell for installation tips!

dB-Damp

A popular variation to our standard barrier vinyls, dB-DAMP adds a single 1/4" foam to one side to help decouple the vibra- tion that coincides with low bass noise transmis- sion. Ideal for a sub- floor underlayment, lining behind sheetrocked walls or ceilings, or as a machine enclosure lining.



TEST RESULTS							
Frequency(Hz)	125	250	500	1K	2K	4K	STC
Transmissioboss(dB)	14	18	20	27	35	41	26

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Clean Room

USDA

The ultimate for clean room applications! These USDA PANELS can be grommetted and suspended vertically as a baffle, lie in a ceiling tile grid system, or be cut into larger wall mounted pieces either grommetted or J-Clipped to a wall surface. These 1" thick PVF skinned panels abate noise where cleanroom or food preparation is a must.

Contact NetWell for samples!

TEST RESULTS							
Frequency(Hz)	125	250	500	1K	2K	4K	NRC
USDA Panels	0.39	0.67	0.76	0.95	0.93	0.67	0.85

APPLICATIONS

- ✓ Clean Room
- ✓ Kitchens
- ✓ Pharmaceutical Plants
- ✓ Animal Shelters
- ✓ Labs
- ✓ Food Processing

Confused?

Call a NetWell consultant today!

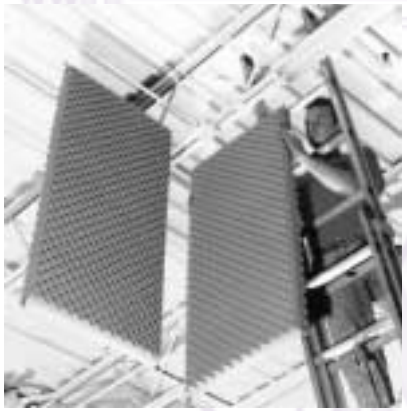
Free help!

Baffles

Foam Baffles

These 2' x 4' FOAM BAFFLES boast outstanding absorption characteristics for variety of industrial sound source problems! These baffles are thicker than the rest, with a more contoured profile exposing more pores per square inch. The internal metal frame allows for interconnection and self suspension.

Contact NetWell for installation guidelines!



APPLICATIONS

- ✓ Industrial Plants
- ✓ Punch Presses
- ✓ Work Stations
- ✓ Sound Chambers

TEST RESULTS							
Frequency(Hz)	125	250	500	1K	2K	4K	NRC
Foam Baffles	0.56	0.75	1.25	1.94	2.24	2.4	1.5

Sail Cloth Baffles

Luxurious 2' x 4' fiberglass baffles wrapped in a rip stop nylon sail cloth material. Contact NetWell for color samples. A more fashionable look up close than our VET Baffles make this an ideal baffle treatment for lower ceilings. In larger gymnasium type settings, PVC baffles will be more cost effective.

APPLICATIONS

- ✓ Gymnasiums
- ✓ Theaters
- ✓ Lofty Office Settings

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Wall Panels

Fabric Panels

Our most attractive and frequently equested wall treatment! These customized FABRIC PANELS are made of a 1" or 2" thick fiberglass core wrapped in Guilford of Maine cloth. We help determine the square foot coverage you need, nd let you determine panel size and olor! Available for glue mount, Z-clip or mpaling clip installations. Ideal for any ublic facility where aesthetics, acoustics nd panel durability are a must! Matching affles available for combination wall and eiling treatment.

Contact NetWell for samples and colors!

APPLICATIONS
- ✓ Gymnasiums
- ✓ Theaters
- ✓ Surround Sound
- ✓ Music Rooms

Acoustical Absorption Properties							
Frequency(Hz)	125	250	500	1K	2K	4K	NRC
FabricPanels1"	0.11	0.3	0.77	1.05	1	1	0.8
FabricPanels2"	0.46	1	1.07	1.05	1.1	1.18	1.05

—Multiply the cubic footage in your room by 2%, and this should be a close estimate of the square footage of Fabric panel you need to install! If human voice is your sole noise source, the 1" thickness will suffice. If low bass music is a potential, you quadruple your absorption coefficients by bumping to the 2"!

Guilford

For touch up work with Fabric Panel installations, for covering self made wall panels, or for complimentary wall coverage to our Fabric Panels, the GUILFORD FABRIC is yours by the linear yard!

Wall Covering

Silence Wall Covering

This is a tackable, ribbed acoustic wallcovering, roughly 1/5" thick, with an acrylic back and available in 24 colors. The SILENCE WALLCOVERING is ideal where human voice is the primary noise culprit and large surface space walls need a continuous, cost effective treatment! Also ideal for installation above or below any chair rail border from hallways to classrooms, offices or gymnasiums! The vertical ribs of the material disguise the seams from piece to piece. Color samples are available upon request! Easy to put up, and aesthetically pleasing to everyone!

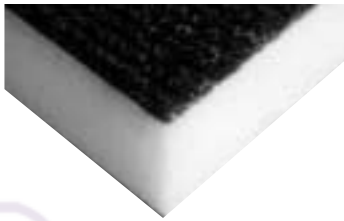
APPLICATIONS
- ✓ Gymnasiums
- ✓ Theaters
- ✓ Hallway
- ✓ Office

TEST RESULTS							
Frequency(Hz)	125	250	500	1K	2K	4K	NRC
Silence	0.06	0.31	0.7	0.81	0.69	0.65	0.65

—Use a "clear" mastik adhesive to apply the Silence Wallcovering. A colored adhesive could potentially "bleed" through the wallcovering. Also, order more than you think you need. If you run short and place a new order for more material, the tint may be slightly different!

Silex Panels

Ultra attractive 2' x 4' sound panels designed for an alluring acoustic alternative to the Fabric Panels. These 1" thick SILEX PANELS will be made of melamine foam with the Silence Wallcovering adhered to its face. Note that the sides will be exposed! Ideal for ceiling grids, wall frames, or wall recesses. The sides can be painted to match the color of the facing!



APPLICATIONS
- ✓ Church Sanctuaries
- ✓ Band Rooms
- ✓ Surround Sound

TEST RESULTS							
Frequency(Hz)	125	250	500	1K	2K	4K	NRC
Silex	0.1	0.3	0.74	0.99	0.99	1.05	0.75

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