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BuyLine 2123



## Acoustical Wall and Ceiling Systems



**Solutions** Solving a customer's problem is the motivation behind everything we do in the Sound Quality Division of Sound Seal. In addition to our extensive line of standard architectural acoustical products, we offer specialized service as well. Our team of designers and engineers acknowledge the specific needs of each customer to provide solutions, which not only function acoustically, but also provide an aesthetically pleasing element to any interior finish. Incorporating creativity into the Sound Quality Division is what allows us to flourish in the world of architectural acoustics.

**Sustainability** As a forward-thinking 21st century company we realize the importance of conserving our natural resources for future generations. To accomplish this we have embraced the concepts of the U.S. Green Building Council, which endeavors to leave as small an environmental footprint on the earth as possible. This practice extends far beyond the provision of required information during the submittal process for LEED Certification. Personal, professional, and manufacturing changes have been made with an eye toward how our actions affect the earth today, tomorrow, and into the future. Utilization of computerized nesting programs to eliminate waste, lamination machinery which allows precision placement of highly specialized adhesives, in addition to recycling and buy-back programs, are some of the steps we've taken to be better stewards of our planet.

Sound Seal has joined with the Interface Fabrics Group in an effort to conserve our environmental resources. Interface Fabrics Group is a leader in the field of manufacturing and promoting environmentally friendly products for the building industry. We endorse the use of their Terratex fabrics. Made from 100% recycled or compostable materials, these fabrics allow architects, designers, and other specifiers to make a conscious step toward closing the loop of sustainability.

**Future** At Sound Seal, we provide the highest level of customer service, quality beyond compare, and immediate response to customer needs. As you turn these pages, we want you to know that we appreciate the opportunity to work on every project, whether it be with standard products, custom applications, or new and innovative concepts. Many times our customers are the best source for new ideas. We welcome the opportunity to provide creative solutions for any challenge you may face.



## List of Projects

- National Science Foundation
- Ronald Reagan Building
- Atlantic City Convention Center
- Chrysler Museum
- Western Kentucky University
- Roberto Clemente Stadium
- University of VA
- Orlando Convention Center
- UCLA
- Merck Pharmaceutical Corporation
- Dupont
- Williams College
- 3M
- Sony
- EAW
- Lockheed Martin
- Penn State
- MIT

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*Front Cover: photo by Rob Zielinski*



# Sound Quality Wall Panels

**Sound Quality®** Wall Panels are the ideal solution for new construction or renovation in spaces with reverberant noise problems. Our lightweight custom panels can be easily installed on wall or ceiling applications, and are available in standard sizes or can be customized to meet specific design criteria. Sound Quality panels are Class A fire rated and are available in a wide selection of finishes, fabrics and color options. Various models are available for different design requirements.



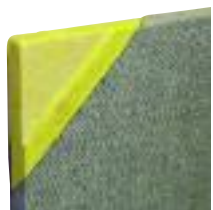
## Panel Systems



**S2000 Standard Panel**  
Hardened or natural wrapped edge, various edge details, ideal for most applications. Available in 1/2 in. 1 in. 1 1/2 in. 2 in. thickness, custom sizes up to 4x10 ft.



**S3100 Tack**  
Wrapped edge, ideal for areas where low absorption and high tackability are required. Available in 1/2 in. 3/4 in. thick, custom sizes up to 4x8 ft.



**S2100 High Impact**  
Hardened or natural wrapped edge, features 1/8 in. thick 16-20 PCF high impact layer, ideal for high traffic areas. Available in 5/8 in. 1 1/8 in. 1 5/8 in. 2 1/8 in. thickness, custom sizes up to 4x10 ft.



**S4000 High Abuse**  
Wrapped edge, features 1/16 in. thick perforated co-polymer layer, ideal for high abuse areas. Available in 1 1/16 in. 2 1/16 in. thickness, custom sizes up to 4x10 ft.



**S2500 Noise Barrier**  
Hardened or natural wrapped edge, features 1 lb./sq.ft. Loaded vinyl barrier, ideal for areas requiring high STC. Available in 1 1/8 in. 2 1/8 in. thickness, custom sizes up to 4x10 ft.



**S4100 Extreme Abuse**  
Features 1/16 in. bent co-polymer facing and edges, ideal for extreme abuse areas. Available in 1 1/16 in. 2 1/16 in. thickness, standard sizes: 4x4 ft. and 4x8 ft.



**S3000 Reflective**  
Wrapped edge, ideal for areas where sound reflection is required, such as churches, concert halls, and music rooms.

## Acoustical

Sound absorption values per ASTM C423/Type A Mounting

Model	125	250	500	1000	2000	4000	NRC
S-2000-1"	0.14	0.27	0.80	1.11	1.14	1.14	0.85
S-2000-2"	0.22	0.81	1.24	1.30	1.21	1.16	1.15
S-2100-1 1/2"	0.21	0.66	0.98	1.06	1.04	1.10	0.95
S-2100-2 1/2"	0.46	0.85	1.16	1.16	1.12	1.09	1.05

## Finish Options

Sound Quality Panels are available in a variety of fabrics and finishes to enhance your interior décor. Sound Seal's standard in-stock fabric is available in 60 colors using 100% polyester fabric. Custom fabrics and/or Customers' Own Material (COM) can be used. For a list of pre-approved custom fabrics please contact the factory.

## Mounting Options



Mounting Adhesive



Mechanical Clips  
w/Hook & Loop Fasteners

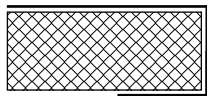


Impaling Clip

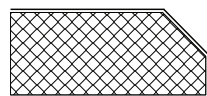


Mechanical Clips

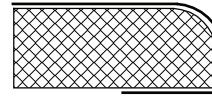
## Edge Options



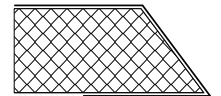
SQUARE



BEVEL



RADIUS



MITER

## Colors



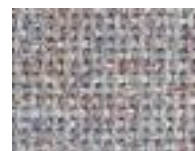
390 ROSE QUARTZ



748 BONE



402 GREEN NEUTRAL



401 BLUE NEUTRAL



175 CRYSTAL BLUE



238 GREY MIX



545 BRONZE



403 VANILLA NEUTRAL



549 CHROME GREEN



752 LILAC



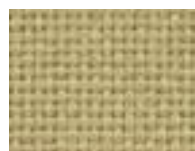
150 WEDGEWOOD



298 MEDIUM GREY



418 CLARET ACCENT



747 STRAW



467 BLUE SPRUCE



424 AMETHYST



153 BALTIC



408 BLACK

# Sound Quality Ceiling Baffles & Banners



**Sound Quality**® Ceiling Baffles and Banners are the solution for any large space that has reverberation problems. Sound Quality Baffles and Banners are lightweight, Fire Rated (Class A), colorful and are easily installed from overhead structures. Sound Quality Baffles and Banners can be arranged to create various architectural affects with various colors, sizes and models. Installation of Sound Quality Baffles or Banners in rows 24" to 36" apart over an entire reverberant area can result in an optimum acoustical environment.



## Model R-100

**Construction:** Rigid  
**Sizes:** 2' x 4' standard  
 4' x 10' maximum  
**Thickness:** 1", 2"  
**Substrate:** 6.0lb per cubic foot fiberglass  
**Facing:** Guilford FR 701, Maharam Tek-Wall, Webcore Vinyl  
**Edge Detail:** Square, Bevel, Radius  
**NRC:** .85 - 1.15



## Model SR-100

**Construction:** Semi Rigid, Sewn edges  
**Sizes:** 2' x 4' standard  
 4' x 8' maximum  
**Thickness:** 1½"  
**Substrate:** 2.0lb or 3.0lb per cubic foot fiberglass  
**Facing:** Sailcloth, Guilford FR 701, Webcore Vinyl  
**Edge Detail:** Natural - Square  
**NRC:** .75 - .90



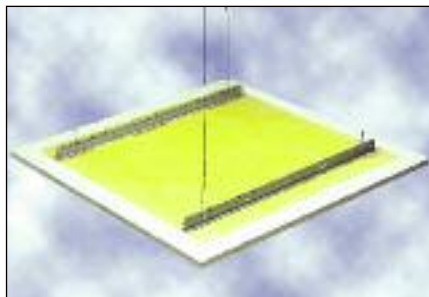
## Catenary Banners

**Construction:** Flexible  
**Sizes:** 4' x (up to) 25'  
 Custom width available.  
**Thickness:** 1½", 2"  
**Substrate:** 2.0lb or 3.0lb,  
**Facing:** PVC, Sailcloth, Guilford FR 701  
**Edge Detail:** Sewn  
**NRC:** .70 - 1.00

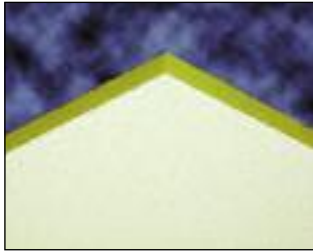


# Sound Quality Ceiling Clouds / Ceiling Systems

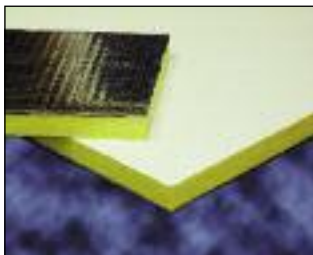
**Sound Quality**® Ceiling Clouds/Ceiling Systems are a highly effective treatment for the reduction of sound in ceiling areas. Sound Quality Ceiling Clouds are suspended horizontally, with an eyehook or T-grid attachment mounted to the cloud at the time of shipment. Sound Quality Ceiling Clouds are available in standard sizes up to 4' x 10' with custom sizes and shapes available. The face and edges of the glass fiber core are wrapped in fabric or perforated vinyl to match or accentuate the room design.



**Sound Quality**® Ceiling Tiles offer excellent acoustics with customized options to enhance the visual aesthetics, while satisfying acoustical requirements. Available in standard 2' X 2', 2' X 4' or custom sizes, with standard or custom finishes.

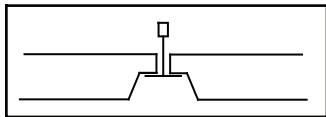


Standard Lay-in Tile features 1" or 2" glass fiber core and offers high NRC ratings. This tile is available in a variety of finishes.

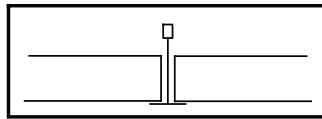


Noise Barrier Ceiling Tile features a 1 lb./sq. ft. foil back mass-loaded vinyl barrier laminated onto a 1" or 2" glass fiber core. This tile offers high STC and NRC values and is available in a variety of finishes.

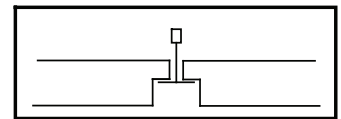
## Edge Options



ANGLED REVEAL EDGE



SQUARE EDGE



STANDARD REVEAL EDGE

## Sound Quality Diffusers



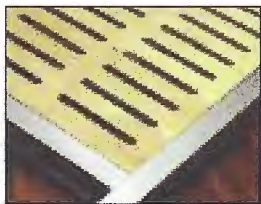
**Sound Quality**® Diffusers are ideal for wall and ceiling applications in band, choral and music facilities requiring acoustical performance. The acoustic quality of a room can be enhanced with a combination of Sound Quality Wall Panels and Diffusers. Sound Quality Diffusers are constructed of rigid E-glass and are molded in a one-piece shape. They are lightweight and easily installed. Standard finish is white gel-coat or optional fabric wrap. Standard sizes range from nominal 2' X 2' to 4' X 8'.



# Specialty Products



**WoodTrends®** Wood Ceiling and Wall Panels are available in 24 standard wood species in six standard styles. Acoustics are achieved by a series of slots, grooves, or perforations with standard or custom patterns available. All WoodTrends acoustic panels come with a standard black acoustic backing. Additional absorption can be achieved by adding a layer of fiberglass.



Basic



Topline



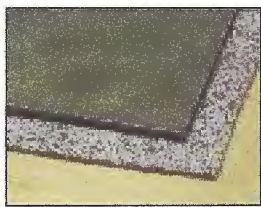
Elite



Visit us online at [www.wood-trends.com](http://www.wood-trends.com)



**Impacta®** Underlayments are a new line of products that have been engineered and designed to meet the challenges of footfall noise in multi-residential design. Impacta systems include specifically designed products for linoleum, vinyl composition tile, marble, ceramic tile, concrete, hardwood, engineered wood, "click & fit" systems and carpet. Impacta products provide proven field and laboratory tested solutions for floor build-ups in wood frame, metal pan and concrete construction to meet HUD Grade I and II impact isolation building requirements. Visit us online at [www.impactaunderlayment.com](http://www.impactaunderlayment.com)



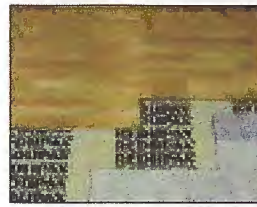
CeraZorb®

Ceramic Tile Underlayment



Soundeater®

Hardwood Floor Underlayment



Redupax®

Laminate Floor Underlayment



Jumpax®

Vinyl Floor Underlayment

## Flexible Noise Barrier



**Sound Quality®** Barrier is a flexible noise barrier that is designed to stop the passage of sound through walls, ceilings and floors. Sound Quality barriers come in a variety of models and sizes and are ideal for hotels, classrooms, homes, home theatres and any areas where reduction of noise transmission is necessary. Sound Quality Barriers are available in rolls 54" wide by 30' or 60' long, with STC ratings up to 31.



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