



# RealAcoustix

The World's Finest Architectural Acoustics

2023 Catalog

Capital One Center  
McClean, Virginia  
30,000 sf RealAcoustix DSA



# RealAcoustix 2023 Catalog

Since 2008, RealAcoustix has sought to be nothing short of the best architectural acoustics manufacturer in the world. 15 years and hundreds of projects later, we believe we've achieved that goal. With customer satisfaction always at the forefront of our perspective, we have been blessed to participate in the construction of great concert halls, studios and commercial projects throughout the world.

The need for a manufacturer that can provide customization that is second to none has been a great part of our business model. In a world where architectural designs and demands are greater than ever, RealAcoustix meets and exceeds those demands on a daily basis.

While we are the largest diffuser manufacturer in the world, RealAcoustix is much more than that. Our beautiful wood, plastic and fabric absorption, reflection and diffusion products are second to none in the industry. Check out our products, use your imagination and then give us a call.



Warrensburg Jr./Sr. High School  
Warrensburg, NY  
RealAcoustix WaveMC, DSA  
WavePM





Real  
Acoustix

# Architectural Absorption Solutions



RealAcoustix LLC 2361 B Avenue Ogden, UT 84401 (801) 807-0310  
Website: [www.RealAcoustix.com](http://www.RealAcoustix.com) Email: [Info@RealAcoustix.com](mailto:Info@RealAcoustix.com)



Real  
Acoustix

MicroP

Microperf Acoustic System



Inova Hospital  
Fairfax, Virginia  
RealAcoustix MicroP

The RealAcoustix MicroP system is RA's answer to the need for a solid, consistent and cost-effective microperf product. Utilizing a 3/4" MDF core and attractive perforated veneer faces, the MicroP installs easily and provides the absorption performance with architectural elegance everyone is looking for.

MicroP is available in sizes up to 48" wide x 120" long. Our design team can work with you to affect the look and feel that you want and the performance you need. Microperf sizes of both .55mm and 1mm are available in a multitude of veneer species and laminates.

Please note that all performance specifications for MDF-backed microperf products include mounting with battens and insulation behind the panels. Typical mounting is Z-clip/Z-bar.

ASTM E84 Class "A" fire-rated    NRC: .84 (3/4" plank over 1" 6Lb. insulation)

Contact RealAcoustix for more information and samples of the MicroBaffle.

RealAcoustix LLC 2437 Rulon White Blvd. Ogden, UT 84404 (801) 782.1010  
Website: [www.RealAcoustix.com](http://www.RealAcoustix.com) Email: [Info@RealAcoustix.com](mailto:Info@RealAcoustix.com)



Real  
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# MicroPSC

Self-Contained Microperforated Acoustic System



Inova Hospital  
Fairfax, Virginia  
RealAcoustix MicroP



MicroPSC system with front and back view

The RealAcoustix MicroPSC system is RA's answer to the need for a self-contained, easy to hang consistent and cost-effective microperforated product. Utilizing multi-core material layers with custom and attractive perforated veneer faces, the MicroPSC installs easily and provides the absorption performance with architectural elegance everyone is looking for.

MicroPSC is available in sizes up to 48" wide x 120" long. Our design team can work with you to affect the look and feel that you want and the performance you need. Microperforated sizes of both .55mm and 1mm are available in a multitude of veneer species and laminates.

Please note that all performance specifications for MDF-backed microperforated products include mounting with battens and insulation behind the panels. Typical mounting is Z-clip/Z-bar.

ASTM E84 Class "A" fire-rated    NRC: .80 (1" insulation) .90 (2" insulation)

Contact RealAcoustix for more information and samples of the MicroPSC

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Real  
Acoustix

# MicroCloud

Microperforated Cloud system



Microperf Closeup

RealAcoustix is proud to announce that select models of its extensive cloud line of products is now available with microperf veneered or painted finishes. This adds a high NRC value to the already superior reflective performance of the WaveMC, WavePM and WaveFM series of clouds. Available in both .55mm and 1mm hole sizes, as well as different sizes and configurations of clouds, the MicroCloud system is fully adjustable to your needs. Call us to discuss your design requirements.

ASTM E84 Class "A" fire-rated    NRC: .87 (2" version)

Contact RealAcoustix for more information and samples of the MicroBaffle.

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Real  
Acoustix

# MicroBaffle

Microperforated Baffle system



Aman Hotel Jazz Club, New York City  
Ceiling Curved Microbaffle

MicroBaffle Plank with  
solid veneer edges and  
MicroP sides

The RealAcoustix MicroBaffle system is a large step forward in the advent of absorptive baffle systems. Most baffle systems derive their absorptive nature from a small amount of diffraction or the absorptive material placed on top of the systems. MicroBaffle is a multi-layer baffle with absorptive materials in the baffle itself and a microperforated face material that maintains the beautiful wood appearance while acting as a very efficient absorber.

MicroBaffle is lightweight, available in many different sizes and wood or painted surfaces. It may be easily assembled in the field and comes with different slat configurations depending on the design needs.

ASTM E84 Class "A" fire-rated    NRC: .80 (1" version)

Contact RealAcoustix for more information and samples of the MicroBaffle.

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# RealAcoustix

# DSA

Diffraction Slot Absorber

The DSA panel represents the finest architectural wood absorber of its type available. Utilizing the tried and true Helmholtz principle the DSA panel offers a unique architectural look while providing excellent absorptive qualities to control sound reflections in rooms.

The standard DSA panels feature 2 & 3mm slots with 5, 14 or 28mm spaces in between and different hole configurations in the rear of the panel dependant on the acoustical properties desired.

Available in both natural and stained veneers, as well as painted finishes, the DSA panel will easily fit into any decor or architectural design.

For the finest acoustical products in the world, look no further than RealAcoustix!

DSA Closeup

## DSA Panel

### Specifications:

**Models:** 5/2, 5/3, 14/2, 14/3, 28/2, 28/3, 6mm, 8mm & 10mm holes

**Size:** 6 1/4" planks (avg.) tongue and groove coupling

**Materials:** MDF Core with high quality veneers throughout

**Finish:** Clear/color lacquer or WBF with custom stains available

**Weight:** 2.3 Lbs. psf (not including insulation, typically specified behind panel)

Capital One Center  
McClean, Virginia  
30,000 sf RealAcoustix DSA





# DHA Panel

Wood Absorption Panel



Illick Hall ESF/State University of New York

8mm Holes  
5mm Holes

The RealAcoustix DHA panels provide a wider architectural palette to the acoustician and architect. These panels are constructed of real wood veneers, HPL or painted with a variety of hole patterns, including microperf, for tuning the acoustic needs of a room. The DHA is a single hole product while the DHA/T is a T-hole product providing a wider absorption curve while maintaining a smaller, less visible hole in the front of the panel. Front perforations as small as .5mm are available. The DHA panel is available in a wide variety of woods, stains and finishes to match your decor.

**Specifications: Assorted cores up to 48" x 120" (4' x 10')**  
**Standard finish is water-borne clear or color. Others available upon request**

Sample Absorption Curve  
 .125 Front and .3125 T Hole

.06	.09	.26	.57	.77	.99	1.04	.98	.7	.51	.48	.38	.32	.25	.20	.17	.16	.16
100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000

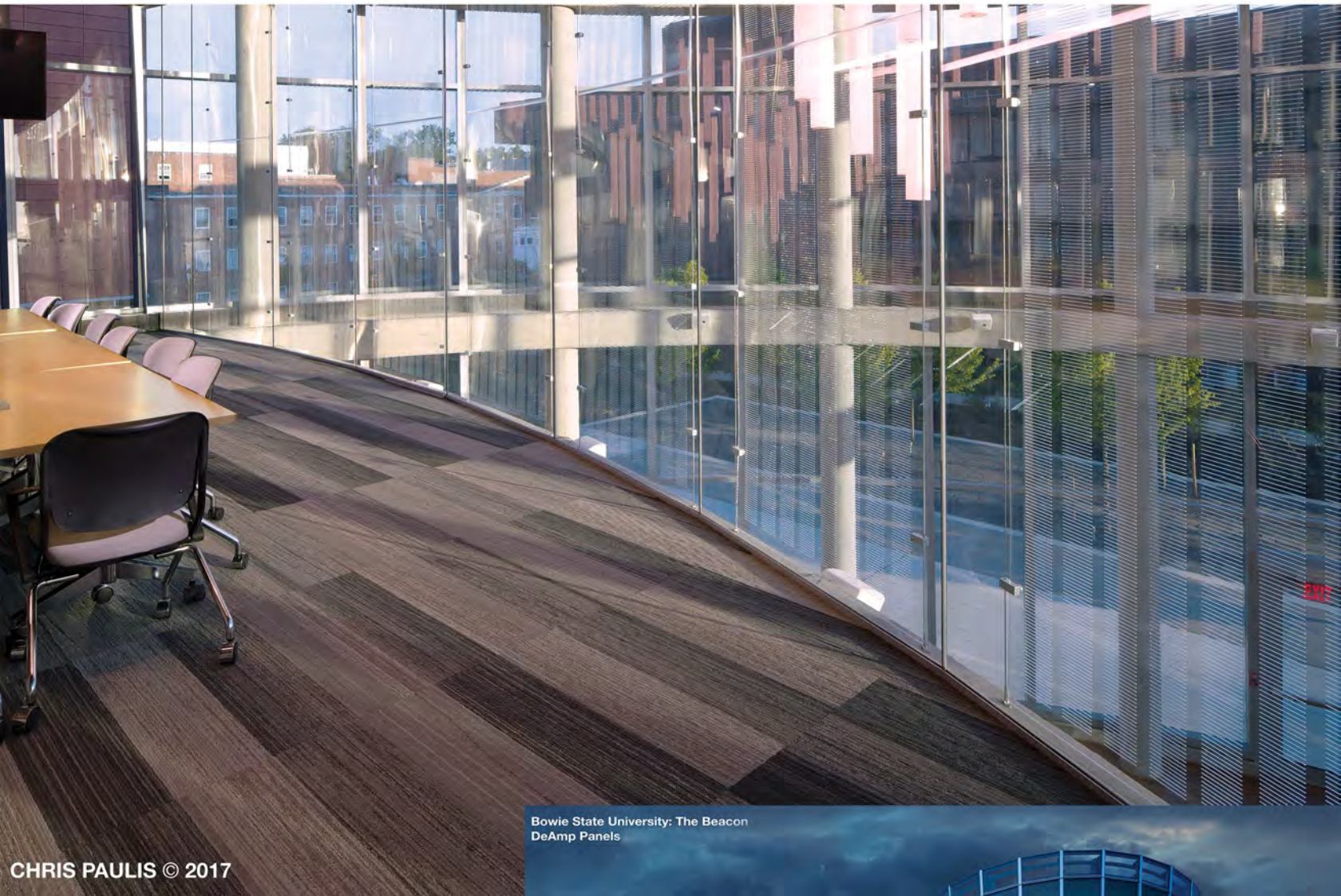
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# RealAcoustix

# DeAmp

The only world-class solution for solving sound problems in glass environments...*period.*



Bowie State University: The Beacon  
DeAmp Panels

CHRIS PAULIS © 2017

RealAcoustix is proud to be the sole and exclusive U.S. distributor of DeAmp clear absorbers. Call our offices for test data, samples and more information.

Phone 801-782-1010  
Email: [info@RealAcoustix.com](mailto:info@RealAcoustix.com)



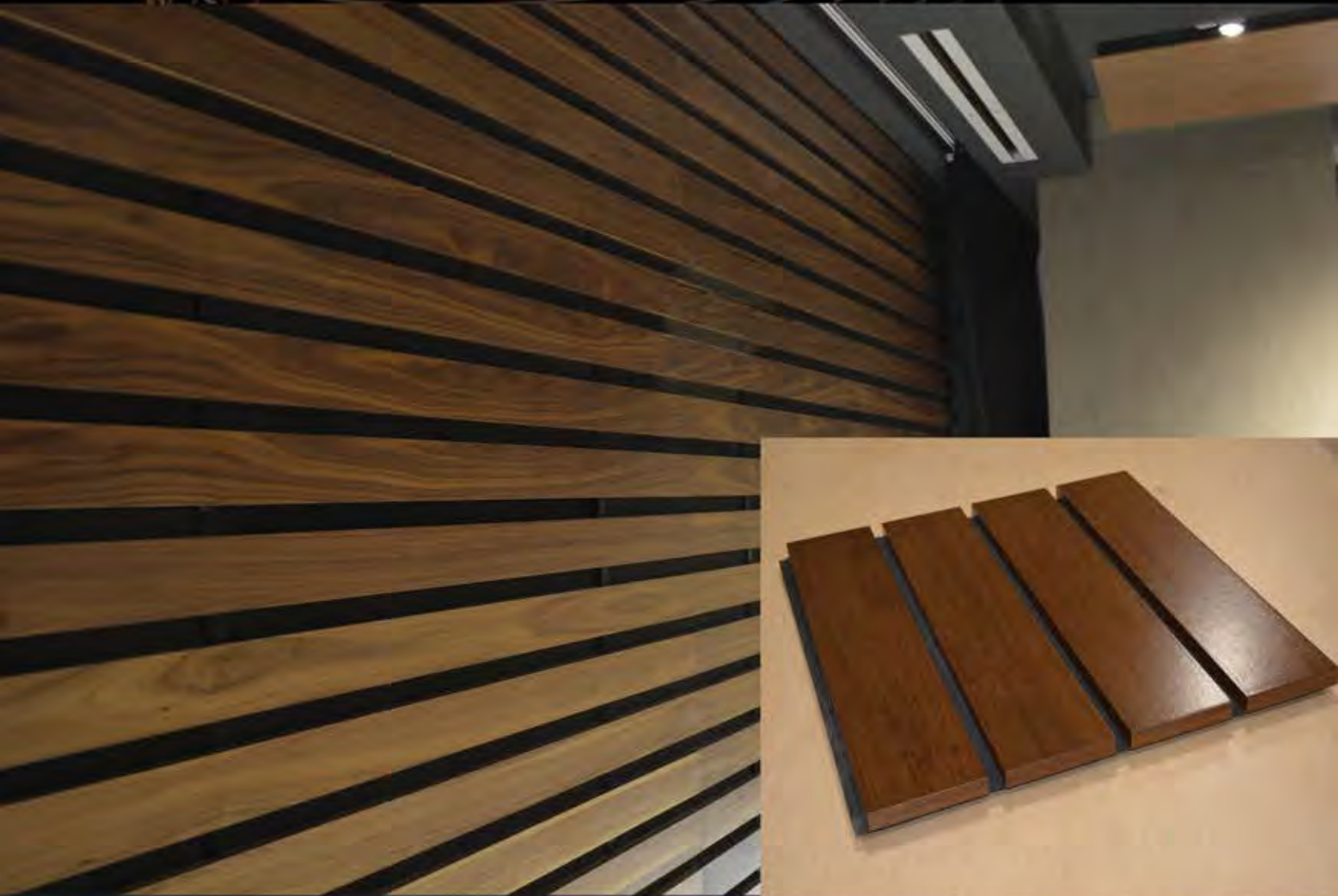
CHRIS PAULIS © 2017



**Real**  
**Acoustix**

**Linear X**

Absorptive Plank System



## Linear X Systems

### Specifications:

**Models:** 2 1/2", 3", 3 1/2", 4", 4 1/2", 5", 5 1/2", 6", 7" and 8" widths

**Reveals:** Flush, 1/4", 1/2", 3/4" and 1" . Custom reveals available

**Mounting:** Mounts to standard drywall grid system. No custom hardware

**Materials:** MDF Core with high quality veneers or solid wood planks

**Finish:** Clear/color water-borne finishes with custom stains available

**Weight:** 2.3 Lbs. psf NRC: .2 to .45 dependant on reveal size



Real  
Acoustix

FAST *Xposed*



*Harman Flagship Store, New York, NY*

The RealAcoustix FAST Xposed panel is a mathmatically perforated panel that provides both tuned absorption and high-frequency diffusion. Available in a wide array of wood veneers and stains it both architecturally interesting and beautiful while providing excellent sound characteristics to any room.

**FAST Xposed Specifications:**

3/4" thick, custom sizes up to 5' x 10'

Assorted veneers and stains available

Options to meet ASTM E84 Class A fire code specifications

Black fleece backing with Z-clip/Z-bar hanging or direct -mount options



**Real  
Acoustix**

**F.A.S.T.**

**Frequency Absorbing Specified Tuning Panel**

RealAcoustix does it again with the best tuned acoustic panels on the market. Carefully engineered with the goal of solid mid-band absorption and excellent high frequency diffusion, the FAST panel make a room come alive.

The FAST Panel comes in several different configurations. The FAST Xposed panel is wood veneer with an exposed face to catch the eye. The standard FAST Panel comes covered with a wide variety of acoustic fabrics. Either way, the results are the best panel of its type in the world.

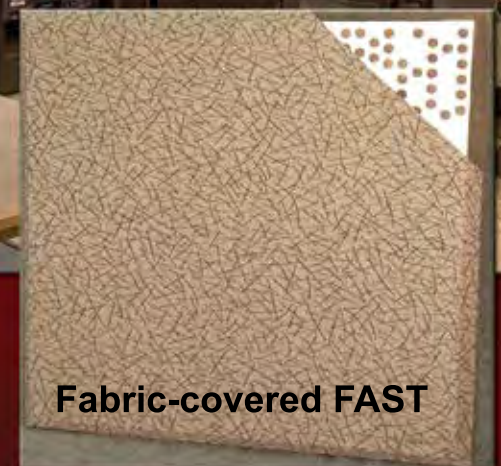
**Specifications:**

**Sizes: Up to 48" wide x 96" long. 1", 2" and 4" depths**  
**Wood veneer or acoustic fabric-covered faces with hundreds of style and color options available.**  
**Call RealAcoustix for more information!**

**FAST Xposed**



**Chicago Symphony  
Control Room**



**Fabric-covered FAST**



**Real  
Acoustix**

# FAST Raddii

Curved FAST Panel



Brigham Young University / BYU

The FAST Curved panel is part of our extensive line of FAST products. It provides both focused absorption with the added benefit of curved reflection at lower frequencies for better sound distribution.

**Specifications:**

**Size: 24" wide x 48" tall, 8' radius with**

**FAST template, Cleat mounting**

**All materials are ASTM E84**

**Class "A" fire-rated**

**Fabric covered with hundreds of style and color options available.**

**Call RealAcoustix or your representative for more information!**





**Real**  
**Acoustix**

**WaveMC**



Warrensburg High School, New York

The WaveMC diffuser/redirector is designed to meet the specific needs of large room acoustics for wave redistribution. Available in any curve specified by the acoustician or designer, the Wave MC provides limitless possibilities in both acoustic and aesthetic requirements. Available in both wood and composite finishes, the WaveMC is both beautiful and functional. Contact your RealAcoustix representative for more information.

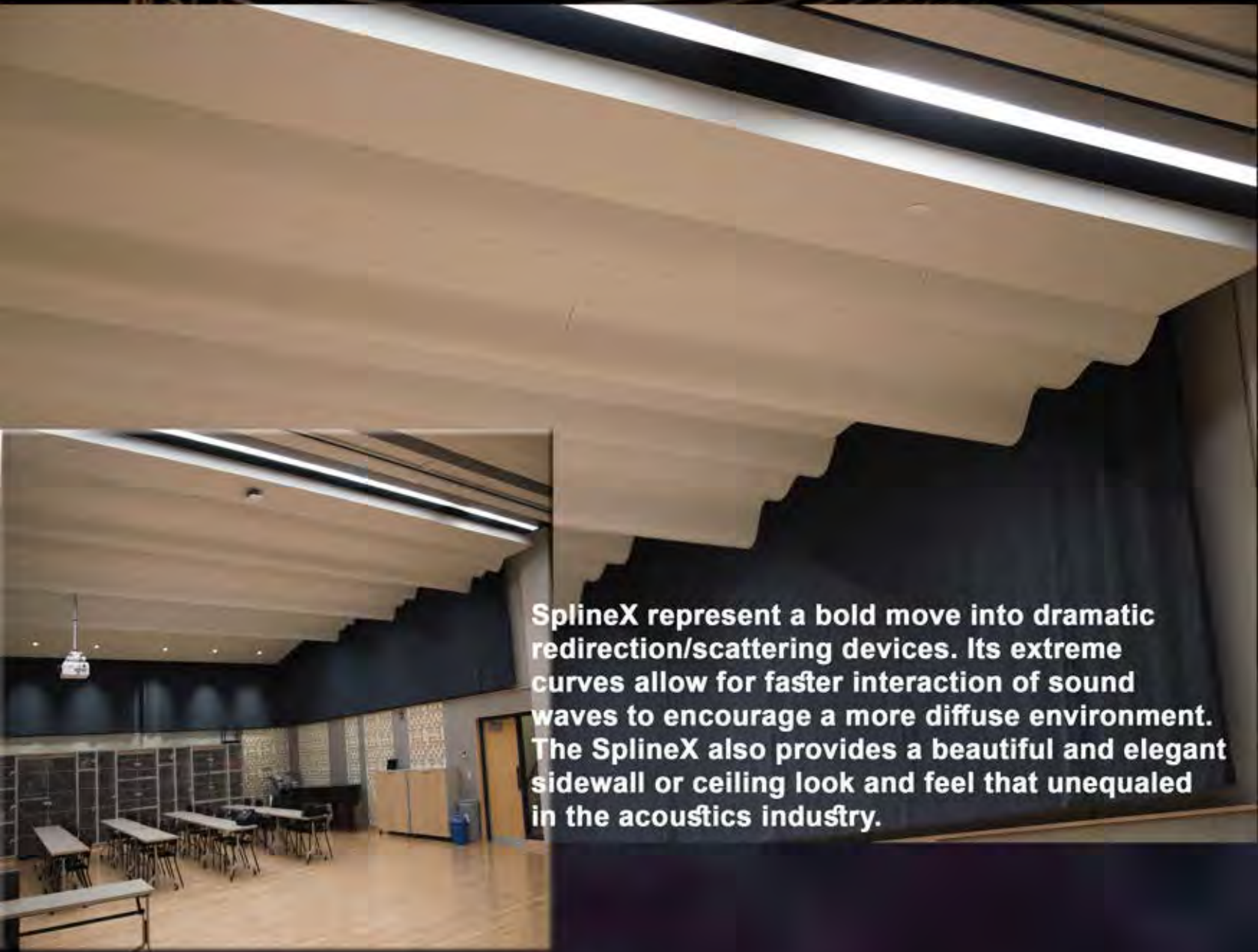
**WaveMC Specifications:**

Standard size: 95 3/4" x 47 3/4" x 6 3/4"  
Custom lengths, widths and radii available  
Finishes: Wood or composite veneer  
Hanging via 1/8" Gripple or other systems  
Hanging points: (6)  
Standard radii: 8', 10', 12', 20'  
Coupling: Units may be coupled for 8' x 8' or larger formats.



**Real  
Acoustix**

**SplineX**



**SplineX represent a bold move into dramatic redirection/scattering devices. Its extreme curves allow for faster interaction of sound waves to encourage a more diffuse environment. The SplineX also provides a beautiful and elegant sidewall or ceiling look and feel that unequaled in the acoustics industry.**

## **SplineX Specifications:**

### **Specifications:**

**Size: 47 3/4" x 47 3/4" x 11" deep**

**Materials: Birchply Core with high quality veneers throughout**

**Fire-rating: ASTM E84 Class "A"**

**Weight: 82 Lbs**



**RealAcoustix**

**WaveU**



**WaveU Ceiling model  
Saqoit High School, New York**

The WaveU diffuser/redirector is designed to meet the specific needs of room acoustics for wave redistribution. Available in 3 curves for the acoustician or designer, the WaveU provides limitless possibilities in both acoustic and aesthetic requirements. Available in both wood and composite finishes, the WaveU is both beautiful and functional. Contact your RealAcoustix representative for more information.

**WaveU Specifications:**  
Standard size: 47 3/4" x 47 3/4"  
Depths: 6", 9" and 12" at center  
Finishes: Wood, composite veneer or painted colors  
Hanging via 1/8" Gripple or other systems  
Hanging points: (4)  
Wall units with finished sides also available



**RealAcoustix**

**WaveFM**



**The WaveFM diffuser/redirector is designed to meet the specific needs of large room acoustics for wave redistribution. Standard sizes up to 60" x 120" , the Wave FM provides limitless possibilities in both acoustic and aesthetic requirements.**

**Available in both wood and composite finishes, the WaveFM is both beautiful and functional. Contact your RealAcoustix for more information.**

**WaveFM Specifications:**

**Standard size: 96" x 48" x 6 3/4"**

**Finishes: Wood or composite veneer**

**Hanging via 1/8" Gripple or other systems**

**Hanging points: (4-6 standard)**

**Coupling: Units may be coupled for 8' x 8' or larger formats.**

**Custom sizes available**





S-Wave open side and coupled

S-Wave in Metcom Studios  
Salt Lake City, Utah

The S-Wave diffuser/redirector is designed to meet the specific needs of small and large rooms for wave redistribution. Available in any curve specified by the acoustician or designer, the S-Wave provides limitless possibilities in both acoustic and aesthetic requirements. Available in both wood and composite finishes, the S-Wave is both beautiful and functional. Contact your RealAcoustix for more information.

**S-Wave Specifications:**

Size: up to 59 1/2" W x 119.5"

Finishes: Wood or composite veneer  
Hanging via cleats or Z-Clip systems

Hanging points: (2) per unit

Curve radius: 3" to 10" standard

Any curve available upon request

Coupling: Units may be coupled for  
8' x 8' or larger formats.

Custom sizes available



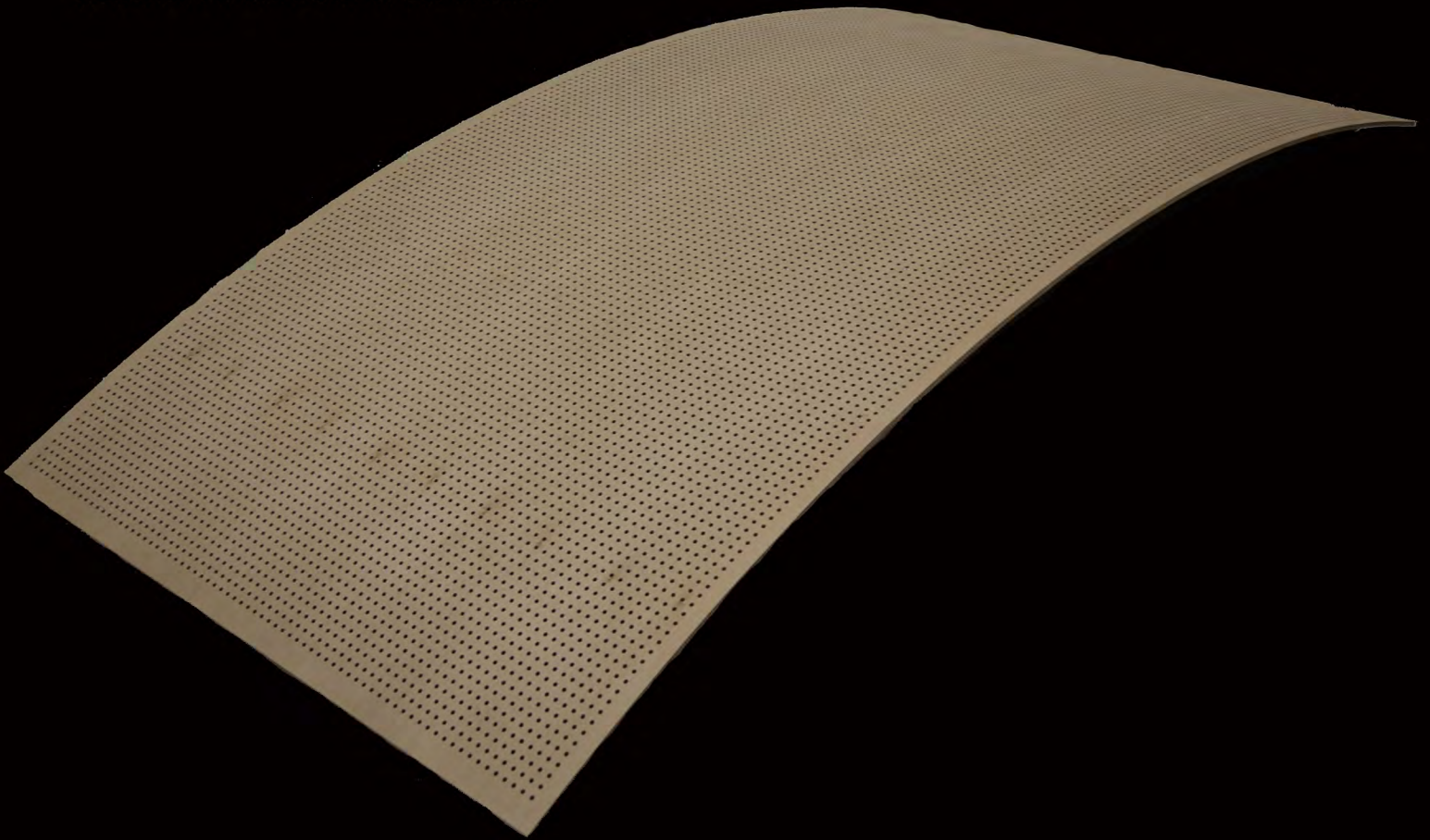


# WavePM

## Helmholtz Perforated Cloud

The newest edition to our extensive line of Wave products offers unique absorption qualities in addition to the reflective nature of the design.


The perforations in the face of the unit vary dependant on the acoustic requirements of the room design. In most cases, frequencies below 200Hz are reflective and the absorption may be controlled by both hole size and the amount and depth of absorptive material on the back of the cloud.



**Specifications:** Single frame or coupled cloud frame styles available  
8', 10', 12', 16' and 20' radius' available as well as flat mono  
Any wood species as well as PLAM and painted finishes  
Absorption test data available at [www.RealAcoustix.com](http://www.RealAcoustix.com)

RealAcoustix LLC 2361 B Avenue, Ogden, UT 84401 801-782-1010  
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The ClearWave Bi-Radial Cloud is a unique way to provide the benefits of acoustic treatments without unnecessary obstruction of view. This is especially important in historic buildings and other environments where interrupting the ambiance of the room may prove detrimental.

**ClearWave specifications:**  
Bi-radial design with 10' radius  
48" x 48" (over curve) standard size  
Clear Acrylic construction 1/2" thick  
(4) point hangers in chrome included  
Gripple cable hanging recommended (extra)

ClearWave designs of the WaveMC and WaveFM are also available in sizes up to 4' x 8'  
Please call RealAcoustix for more information

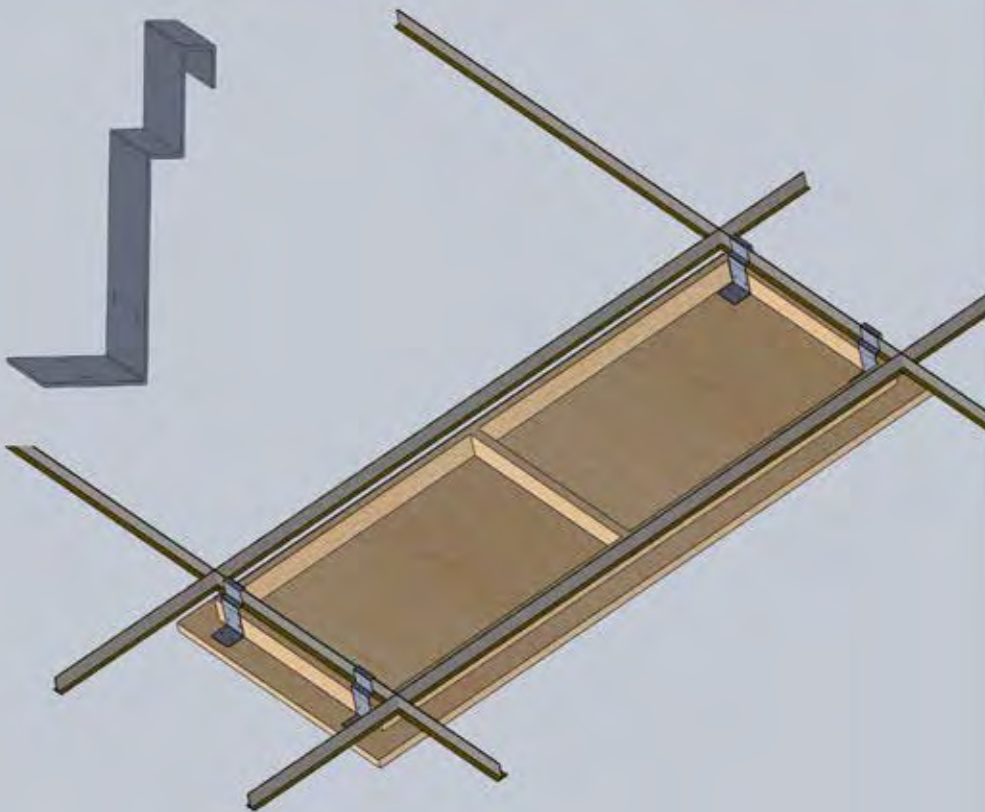


E. Desmond Lee Hall  
Washington University  
St. Louis, MO





# G-Bracket



The RealAcoustix Grid Bracket, the G-Bracket, is designed to create an easy and secure method for hanging ceiling panels of all types.

Even complex designs, like that shown above, can be easily hung using the sturdy G-Bracket. Designed to be used in conjunction with heavy-duty ceiling grid (15/16") the panels simply slip over the grid and can hold panels in excess of 85 Lbs. in a set of four.

The G-Bracket mount is now available for all of our popular ceiling designs including DHA, DSA, MicroP and WaveFM products. Installation is made easy with the G-BRACKET!



**RealAcoustix**

**A.R.P.**

**Angled Reflective/Diffusive and Absorptive Panel**

Tabor College, Hillsboro, Kansas

RealAcoustix does it again with the best angled reflector/diffuser/absorber line in the industry. With fully customized capability, RA does not restrict the acoustician or architect by stipulating one design or angle.

The A.R.P. is also available with our renowned FlutterX product attached to provide excellent HF diffusion. Expand your acoustic pallet with the A.R.P. panel!

**Specifications:**

**Sizes: Up to 48" wide x 120" long. custom depths and angles available**

**Single angles and dual angled panels also available**

**Wood veneer, PLAM, fabric and painted surfaces available**

**Call RealAcoustix or your representative for more information!**



Custom fabric-wrapped MDF panels with angled fabric design. Cobleskill Univ. N.Y.





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# Diffusion



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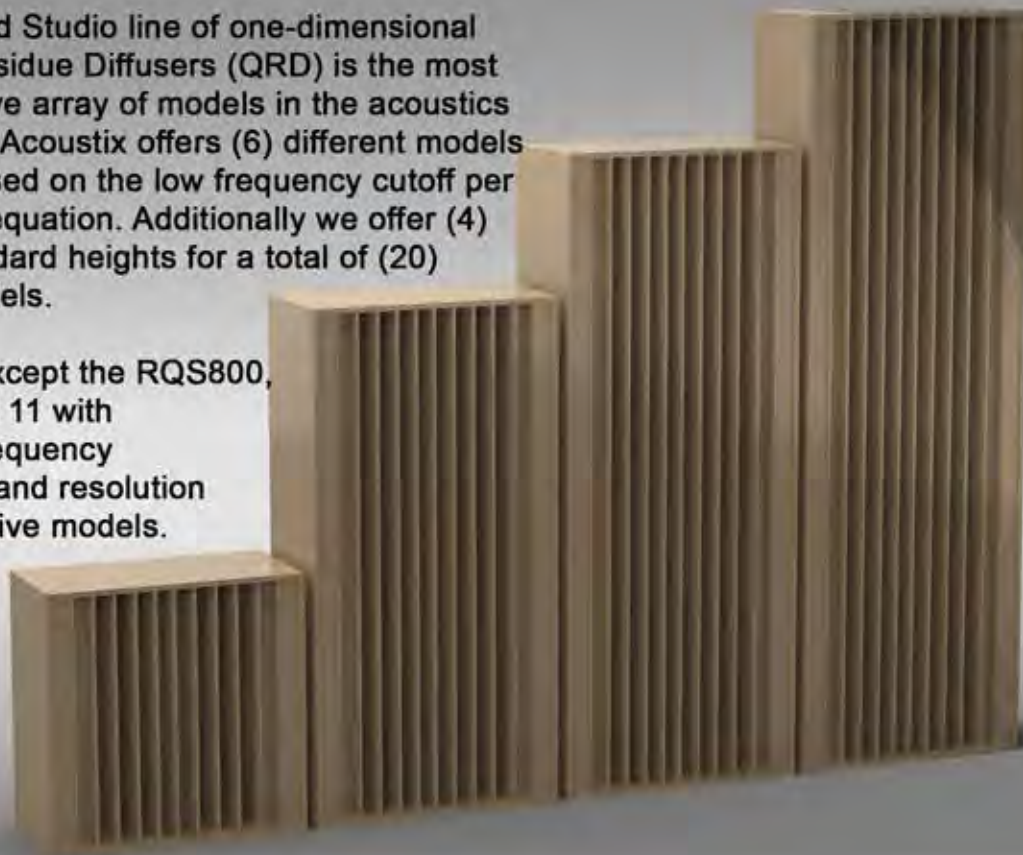


**Real  
Acoustix**

# RealQuad Studio Models

The RealQuad Studio line of one-dimensional Quadratic Residue Diffusers (QRD) is the most comprehensive array of models in the acoustics industry. RealAcoustix offers (6) different models which are based on the low frequency cutoff per Schroeder's equation. Additionally we offer (4) different standard heights for a total of (20) standard models.

All models, except the RQS800, are sequence 11 with better high frequency performance and resolution than competitive models.



Veneer options (standard) maple, birch, cherry, walnut, red oak (pictured), white oak, Douglas fir and solid colors. Standard Heights: 23 5/8", 47 1/4", 60", 72" Custom sizes available

**Models:**

RQS1000: 4.00" deep (101.6mm) 1000Hz cutoff	Standard Width: 23 5/8"
RQS800: 4.625" deep (117.475mm) 800Hz cutoff	Standard Width: 18"
RQS500: 6.625" deep (168.275mm) 500Hz cutoff	Standard Width: 23 5/8"
RQS450: 7.875" deep (200.025mm) 450Hz cutoff	Standard Width: 23 5/8"
RQS350: 9.250" deep (234.95mm) 350Hz cutoff	Standard Width: 23 5/8"
RQS250: 11.875" deep (301.625mm) 250Hz cutoff	Standard Width: 23 5/8"

Contact RealAcoustix or your local RA representative for more information.

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# RealQuad Studio250

The RQS250 is the largest format Quadratic Residue Diffuser available. With a low frequency cutoff of 250Hz and a high frequency range extending well above 6KHz it also outperforms any one-dimensional QRD on the market.

The RQS250 is available in a variety of wood veneers, stains, finishes and/or solid colors. Designed for larger studios, rehearsal halls and concert spaces, the RQS250 delivers unprecedented sound diffusion over the largest range available.

#### Specifications:

Model: RealQuad Studio250  
Depth: 11 7/8" Schroeder tuning: 250Hz  
Size: Standard widths: 23 5/8" & 47 1/4"  
Standard heights: 23 5/8", 47 1/4"  
60" or 72"

Sequence: Prime number 11  
Operating range: 250Hz - +6KHz  
Construction: MDF core with veneer options (standard) maple, birch, cherry, walnut, red oak (pictured), white oak, Douglas fir and solid colors.

Contact RealAcoustix or your local RA representative for more information.

**Phone: (801) 782-1010**





# RealQuad Studio350



New England School of Communication

**Specifications:**

**Width:** 23 5/8"  
**Height:** 23 5/8", 47 1/4", 60" and 72"  
**Depth:** 9 1/8"  
**Sequence 11 QRD**  
**One-dimensional pattern**  
**Real wood veneers over MDF**  
**with stain and paint options available.**

The RealQuad Studio350 is the second largest 1D diffuser in the RealAcoustix line. With a low cutoff of greater than 350Hz, the RQS350 can optimize the diffusive nature of even the largest room. Due to its thinner cells and higher prime number it also performs better than any quadratic residue diffuser in its class. Available in a wide variety of wood veneers, stains or paints, you can truly have it all with the RealQuad Studio350.

**Test Data**

Freq.[Hz]	Scattering	Norm.Diffusion	Diffusion
100	0.022	0.094	0.686
125	0.035	0.145	0.699
160	0.055	0.219	0.717
200	0.085	0.321	0.743
250	0.129	0.448	0.776
315	0.186	0.581	0.811
400	0.215	0.603	0.797
500	0.538	0.807	0.889
630	0.563	0.784	0.869
800	0.144	0.226	0.495
1000	0.573	0.595	0.720
1250	0.818	0.575	0.690
1600	0.779	0.717	0.783
2000	0.675	0.337	0.466
1500	0.947	0.461	0.546
3150	0.968	0.392	0.470
4000	0.954	0.417	0.477



Real  
Acoustix

# RealQuad Studio350FX



The RQS350FX is the most popular QRD in the RealAcoustix FX line. With a low frequency cutoff of 350Hz based on Schroeders equation it also sports a high-frequency cutoff well above 8KHz.

The RQS350FX is available in a variety of wood veneers, stains, finishes and/or solid colors. Designed for larger studios, rehearsal halls and concert spaces, the RQS350FX delivers unprecedented sound diffusion over the largest range available.

#### Specifications:

Model: RealQuad Studio350FX

Size: Standard widths: 23 5/8" & 47 1/4"

Standard heights: 23 5/8", 47 1/4"

60" or 72"

Standard Depth: 9.125"

Sequence: Prime number 7

Operating range: 350Hz - +8KHz

Construction: MDF core with veneer options (standard) maple, birch, cherry, walnut, red oak (pictured), white oak, Douglas fir and solid colors.

Contact RealAcoustix or your local RA representative for more information.

Phone: (801) 782-1010

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# Real Acoustix

# RealQuad Studio357

The RQS357 is the answer to a cost-effective, high quality, superb performing Quadratic Residue Diffuser.

With a low frequency cutoff of 350Hz and a high frequency range extending well above 4KHz it also outperforms most one-dimensional diffusers on the market.

The RQS357 is available in a variety of wood veneers, stains, finishes and/or solid colors. Designed for larger studios, rehearsal halls and concert spaces, the RQS250 delivers unprecedented sound diffusion over the largest range available.

#### Specifications:

Model: RealQuad Studio357

Size: Standard widths: 23 5/8" & 47 1/4"  
Standard heights: 23 5/8", 47 1/4", 60" or 72"  
Standard Depth: 9.125"

Sequence: Prime number 7

Operating range: 350Hz - +4KHz

Construction: MDF core with veneer options (standard) maple, birch, cherry, walnut, red oak (pictured), white oak, Douglas fir and solid colors.

Contact RealAcoustix or your local RA representative for more information.

Phone: (801) 782-1010

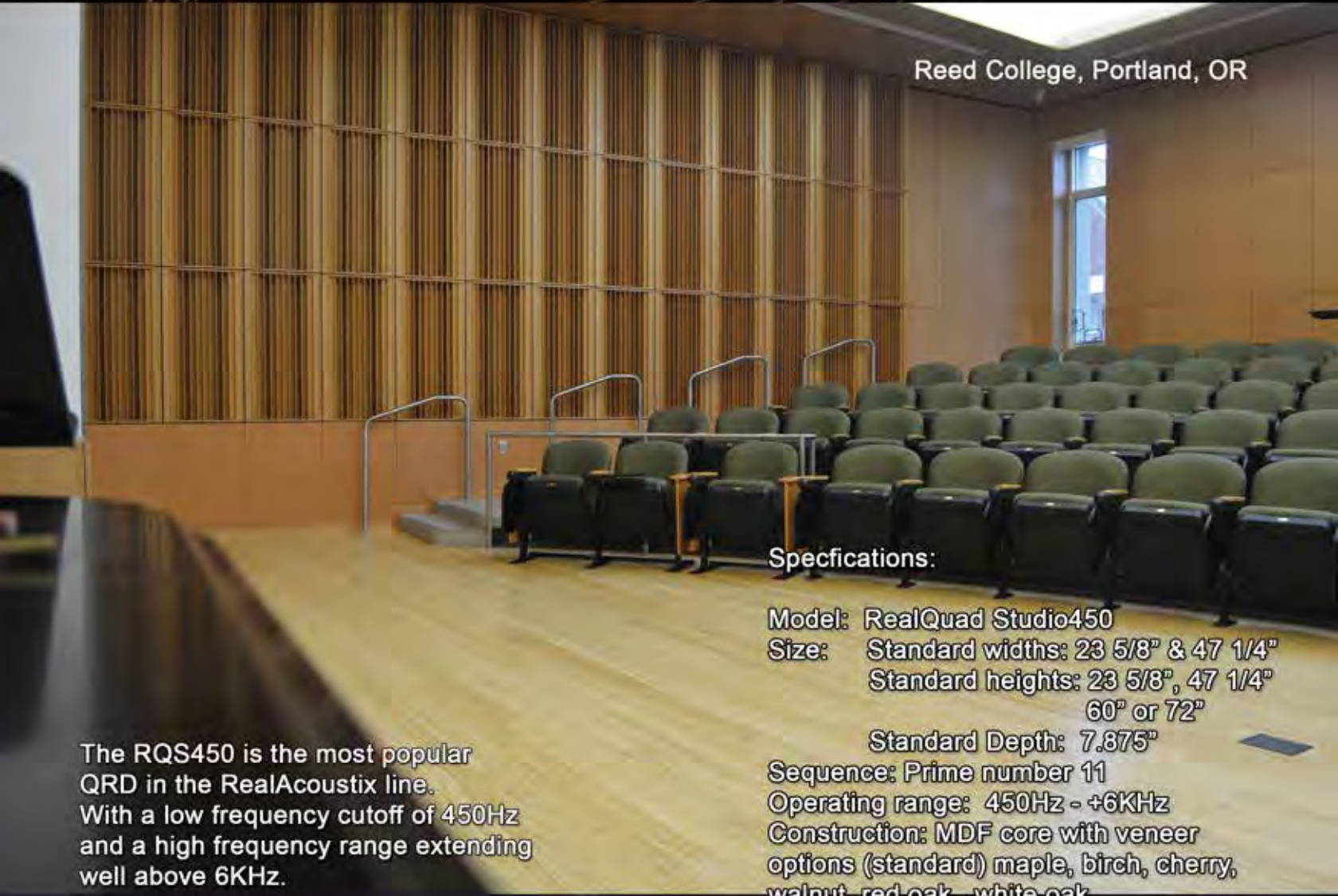






Real  
Acoustix

# RealQuad Studio450



Reed College, Portland, OR

## Specifications:

Model: RealQuad Studio450

Size: Standard widths: 23 5/8" & 47 1/4"

Standard heights: 23 5/8", 47 1/4"

60" or 72"

Standard Depth: 7.875"

Sequence: Prime number 11

Operating range: 450Hz - +6KHz

Construction: MDF core with veneer

options (standard) maple, birch, cherry,

walnut, red-oak, white-oak,

Vertical grain fir (pictured) and solid colors.

Contact RealAcoustix or your local RA  
representative for more information.

Phone: (801) 782-1010

The RQS450 is the most popular  
QRD in the RealAcoustix line.

With a low frequency cutoff of 450Hz  
and a high frequency range extending  
well above 6KHz.

The RQS450 is available in a variety of  
wood veneers, stains, finishes and/or  
solid colors. Designed for larger studios,  
rehearsal halls and concert spaces, the  
RQS450 delivers unprecedented sound  
diffusion over the largest range available.



Real  
Acoustix

# RealQuad Studio450 FX



The RQS450 FX is the newest QRD in the RealAcoustix line. With a Schroeder cutoff of 450Hz and a high frequency range extending well above 7KHz.

The RQS450 FX is available in a variety of wood veneers, stains, finishes and/or solid colors. Designed for larger studios, rehearsal halls and concert spaces, the RQS450 delivers unprecedented sound diffusion over the largest range available.

#### Specifications:

Model: RealQuad Studio450 FX

Size: Standard width: 23 5/8"

Standard height: 47 1/4"

Standard Depth: 7.875"

Sequence: Prime number 11

Operating range: 450Hz - +7KHz

Construction: MDF core with veneer

Full hardwood FlutterX interior cells options (standard) maple, birch, cherry, walnut, red oak (pictured), white oak, Douglas fir and solid colors.

Contact RealAcoustix or your local RA representative for more information.

Phone: (801) 782-1010



**Real  
Acoustix**

# ClearQ 450

Clear Acrylic Quadratic Residue Diffuser

Cool achieves a whole different level with the ClearQ 450 Quadratic Residue Diffuser.

It's clear to see the difference....



For an entirely different look in acoustics, the ClearQ450 meets the challenge. Entirely hand-built in our Utah facility, the ClearQ represents the highest end in both performance and looks.

Specifications:

Size: 23.625" wide x 47.25" or 60" tall. Custom sizes available (extra charges apply)

Constructed of clear, transparent color or solid color acrylic plastic

Acoustical performance specifications equal to standard wood RQS450

**Call RealAcoustix or your representative for more information!**

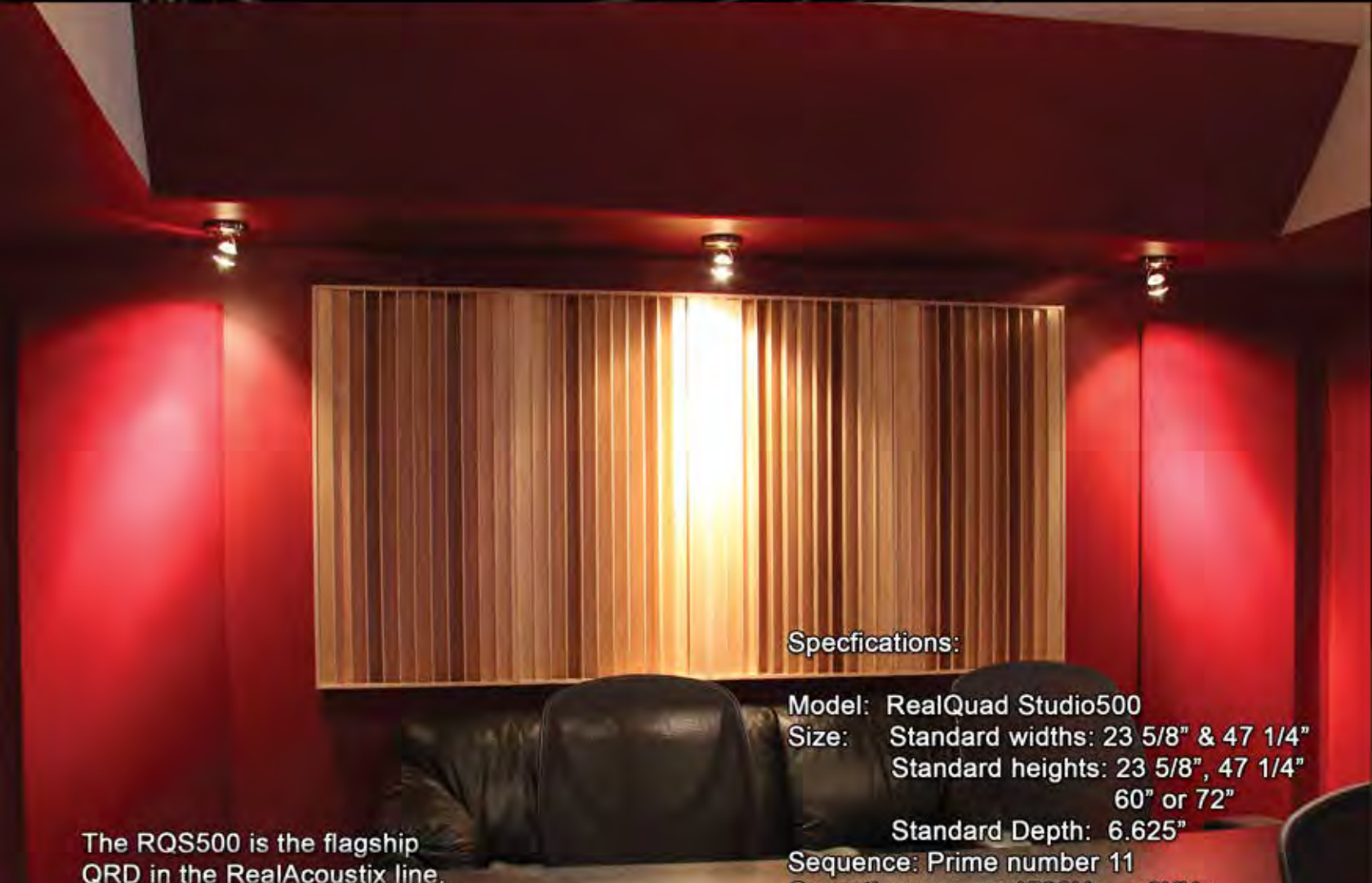
RealAcoustix LLC 2361 B Avenue, Ogden, UT 84401 (801) 782.1010  
Website: [www.RealAcoustix.com](http://www.RealAcoustix.com) Email: [Info@RealAcoustix.com](mailto:Info@RealAcoustix.com)





**Real**  
**Acoustix**

# RealQuad Studio500



Specifications:

Model: RealQuad Studio500

Size: Standard widths: 23 5/8" & 47 1/4"  
Standard heights: 23 5/8", 47 1/4"  
60" or 72"

Standard Depth: 6.625"

Sequence: Prime number 11

Operating range: 4500Hz - +6KHz

Construction: MDF core with veneer  
options (standard) maple, birch, cherry,  
walnut, red oak, white oak,  
Vertical grain fir and solid colors.

Contact RealAcoustix or your local RA  
representative for more information.

Phone: (801) 782-1010

The RQS500 is the flagship  
QRD in the RealAcoustix line.  
With a Schroeder LF cutoff of 500Hz  
and a high frequency range extending  
well above 6KHz.

The RQS500 is available in a variety of  
wood veneers, stains, finishes and/or  
solid colors. Designed for medium studios,  
rehearsal halls and concert spaces, the  
RQS450 delivers unprecedented sound  
diffusion over the largest range available.





# RealAcoustix

# RealQuad Studio800



Williamsville High School  
Williamsville, NY  
RealAcoustix ScatterX, RQS800  
RealAB panels

The RQS800 is designed to retrofit into specific projects where a narrower footprint is required. The Schroeder LF cutoff is 800Hz with a HF cutoff of 4500Hz.

The RQS800 is available in a variety of wood veneers, stains, finishes and/or solid colors. Designed for medium-sized studios, rehearsal halls and concert spaces, the RQS800 delivers excellent sound diffusion over a large range

## Specifications:

Model: RealQuad Studio800

Size: Standard width: 18" Depth: 4.625"

Standard heights: 23 5/8", 47 1/4"

60" or 72"

Standard Depth: 4.625"

Operating range: 800Hz - +4.5KHz

Construction: MDF core with veneer

Clear, stained or color finishes

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Website: [www.RealAcoustix.com](http://www.RealAcoustix.com) Email: [Info@RealAcoustix.com](mailto:Info@RealAcoustix.com)





# RealQuad Studio1000

The RQS1000 is the thinnest format Quadratic Residue Diffuser available in the RealAcoustix line.

With a low frequency cutoff of 1KHz and a high frequency range extending well above 6KHz it also outperforms any 4" deep 1D diffuser on the market.

The RQS1000 is available in a variety of wood veneers, stains, finishes and/or solid colors. Designed for smaller studios, rehearsal halls and concert spaces, the RQS1000 delivers great diffusion while saving space where required.

#### Specifications:

Model: RealQuad Studio1000

Size: Depth: 4"

Standard widths: 23 5/8" & 47 1/4"

Standard heights: 23 5/8", 47 1/4",  
60" or 72"

Sequence: Prime number 11

Operating range: 1000Hz - +6KHz

Construction: MDF core with veneer options (standard) maple (pictured), birch, cherry, walnut, red oak, white oak, Douglas fir and solid colors.

Contact RealAcoustix or your local RA representative for more information.

Phone: (801) 782-1010



**Real**  
**Acoustix**

# RealDiff HD



RealDiff HD (Birch)

The RealDiff HD sports the lowest cutoff frequency of any 2D diffuser on the market at 800Hz. It also has one of the highest prime number designs in the industry (13).

Built to the exacting standards that RealAcoustix is famous for, The RealDiff HD is available in any veneered wood the RDHD can be customized to meet your architectural requirements.

Mounting is done using our proprietary template/block system to ensure alignment and ease of installation in the field.

Custom mounting options are available for ceiling mounting as well.

For the finest acoustical diffusers in the world, look no further than RealAcoustix!

## RealDiff HD

### Specifications:

**Size:** 23 5/8" x 23 5/8" x 4.625" deep

**Materials:** MDF Core with high quality veneers throughout

**Finish:** Clear conversion varnish with custom stains available

**Weight:** 23.5 Lbs



**Real  
Acoustix**

**RealDiff HD/R**



**RealDiff HD/R (Walnut)  
Atlantic Records NYC**

The RealDiff HD/R is built to the same quality standards as the original RealDiff HD. The /R series of 1D and 2D diffusers are made to retrofit into standard size profiles commonly used in the industry.

The RealDiff HD/R maintains the features of a prime 13 2 dimensional diffuser, the highest in the industry. Available in any veneered wood the RDHD/R can be customized to meet your architectural requirements.

Also available in a drop-ceiling version.

## **RealDiff HD/R**

### **Specifications:**

**Size:** 23 5/8" x 23 5/8" x 4" deep

**Materials:** MDF Core with high quality veneers throughout

**Finish:** Clear conversion varnish with custom stains available

**Weight:** 23.5 Lbs

For the finest acoustical diffusers in the world, look no further than RealAcoustix!



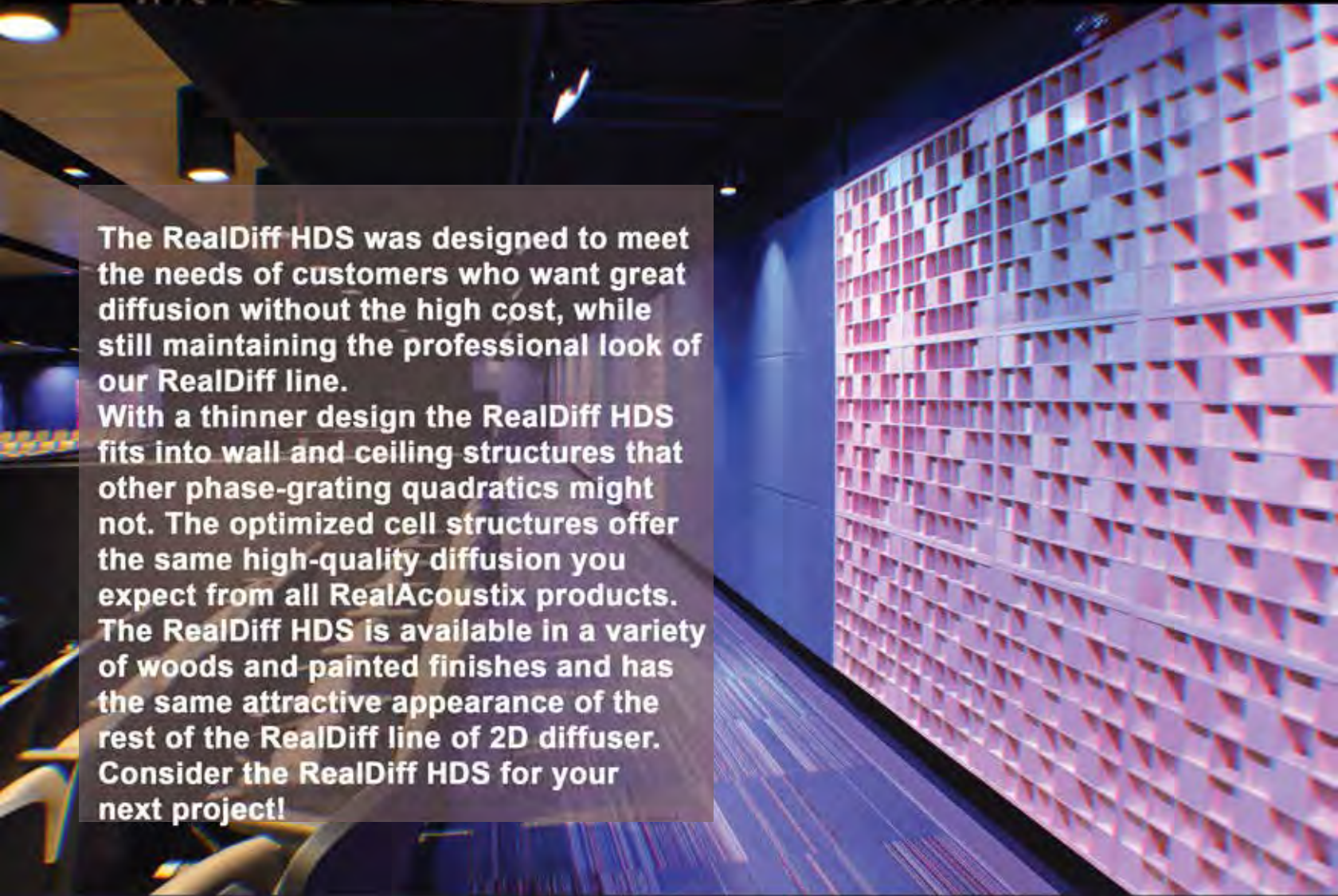


**RealAcoustix**

# RealDiff HDS

The RealDiff HDS was designed to meet the needs of customers who want great diffusion without the high cost, while still maintaining the professional look of our RealDiff line.

With a thinner design the RealDiff HDS fits into wall and ceiling structures that other phase-grating quadratics might not. The optimized cell structures offer the same high-quality diffusion you expect from all RealAcoustix products. The RealDiff HDS is available in a variety of woods and painted finishes and has the same attractive appearance of the rest of the RealDiff line of 2D diffuser. Consider the RealDiff HDS for your next project!



RealDiff HDS (Maple)

## RealDiff HDS

### Specifications:

**Size:** 23 5/8" x 23 5/8" x 3" deep

**Materials:** MDF Core with high quality veneers or painted finish

**Finish:** Clear water-borne finish, ASTM E84 Class "A" fire-rated

**Weight:** 19.3 Lbs



# RealAcoustix

# RealDiff HV



## **The new standard in two-dimensional quadratic residue diffusers**

The RealDiff HV (horizontal/vertical) diffuser represents a new way to look at two-dimensional diffusers. Utilizing alternating 1/2 sequence zones the RDHV allows for better dispersion, better high frequency response and less lobing than other, more conventional, 2D designs. Available in a wide variety of wood veneers and custom stains, the RDHV is a look at the future of acoustic diffusion.

### **RealDiff HV Specifications:**

**Dimensions:** 23.625" x 23.625" x 4" deep

**Frequency Response:** 950 Hz - 8.5 KHz (scattering/diffusion coefficients)

**Materials:** MDF core with select veneers. Custom stains also available

**Fire Rating:** Available as a Class "A" fire-rated product (extra charges apply)



**Real** Acoustix

# GuD Panel

Geometric Uniform Diffuser

The World's most efficient quadratic residue diffuser



The GuD Panel represents the culmination of quadratic residue diffuser optimization. This patented design allows for no low frequency absorption below the cutoff limit thereby increasing scattering performance by over 250% over any other QRD in the world. Available in both hardwood and painted MDF models the GuD Panel (pronounced "good") adds a new dimension to the term "Diffuser". Call RealAcoustix for more information!



2D GuD Panel

## Specifications:

Sizes: 24" x 24", 24" x 48" & Drop-ceiling 2x2 & 2x4. 1D and 2D available. 1D shown.  
Depths: 1" and 1 3/4", Sequence 19 prime design, patented asymmetric optimized cells  
Maple, Cherry, Walnut and many other hardwoods available as well as MDF.

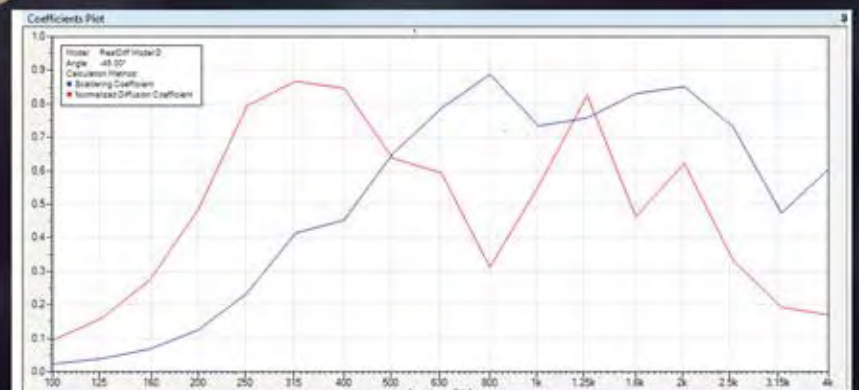


# RealAcoustix RealDiff LD

The RealDiff LD represents the largest 2D Quadratic in the RealAcoustix line of diffusers. With a Schroeder cutoff of 450Hz, the RealDiff LD is capable of providing additional low frequency diffusion well beyond that of most 2D diffusers

Available in all available veneers stains and solid color finishes, the RealDiff LD is ready to enhance your environment with the finest diffusion available anywhere. Contact RealAcoustix for more information.

RealDiff LD (Oak)



## Specifications:

Size: 23 5/8" x 23 5/8" x 8" deep Drop Ceiling model adapts to a standard 2x2 grid  
Fire rating: Class "A" ASTM E84 for all commercial applications  
Finishes: Any veneer, stain or finish including solid colors



**Real  
Acoustix**

# GuD DCT

**Geometric Uniform Diffuser for Drop-Ceilings**

**The World's most efficient quadratic residue diffuser**



**2D GuD Panel**

The GuD Panel represents the culmination of quadratic residue diffuser optimization. This patented design allows for no low frequency absorption below the cutoff limit thereby increasing scattering performance by over 250% over any other QRD in the world. Available in both hardwood and painted MDF models the GuD Panel (pronounced “good”) adds a new dimension to the term “Diffuser”. Call RealAcoustix for more information!

**Specifications:**

**Sizes:** 23.5” x 23.5” (2x2 grid) and 23.5” x 47.625” (2x4 grid) 1D and 2D available  
**Depths:** 1” and 1 3/4” , Sequence 19 prime design, patented assymetric optimized cells  
Maple, Cherry, Walnut and many other hardwoods available as well as MDF.



# RealAcoustix

# FlutterX

RealAcoustix has re-invented the small format diffuser with the introduction of the new FlutterX. the FlutterX provides both superior engineering and strength over other types of high frequency quadratics's.

The FlutterX is a prime 13 quadratic residue diffuser with excellent diffusive character from approximately 2500Hz and up. Available in both hardwood and painted poplar versions, it is adaptable to many different designs and implementations.

The wider format of the FlutterX reduces installation time over smaller designs on the market, thereby reducing costs as well.

Find out what great diffusion is all about. Consider the FlutterX for your next design.

#### Specifications:

Size: 5.5" wide x 1" Thick

48", 60", 72" and 96" lengths

Solid wood or painted poplar formats available

Maple, Birch, Cherry, Walnut etc. available

Call 801-782-1010 for more information

Chicago Symphony Control Room





**Real**  
**Acoustix**

# RealQuad TF1X



The RealQuad Studio TF1X represents the latest iteration of its predecessor, the TF1. Engineered to exacting specifications the TF1X is made from Class "A" fire-rated plastic and passes all States fire codes.

The TF1X quadratic is a prime 7 with rated performance from 1Khz to above 4Khz with a smoother low frequency spectrum due to optimized cell structures. The new TF1X also sports a full 4" depth from front to back

**RealQuad TF1X Specifications:**  
Standard size: 23 5/8" x 23 5/8" x 4" D  
Material: White thermoformed plastic  
Other colors available upon request  
Minimum orders may apply  
Sits flush with edge of ceiling grid  
(not regular)



**Real**  
**Acoustix**

# ScatterX

Class "A" Fire-Rated Thermoplastic Scatterer/Diffuser

ScatterX represents the introduction of our world-class acoustic designs in a cost-effective and user-friendly thermoformed product.

ScatterX is designed to scatter and diffuser sound waves in multiple directions. It's ergonomic design allows for even distribution of sound waves over a greater than 140° 2-dimensional area.

ScatterX may be rotated 90° to incorporate a more random distribution of sounds waves. All edges are coherent to one another which allows for a beautiful ceiling structure.

Call your RealAcoustix rep or the factory for more information.

Also available: The ScatterXTFR model with Class "A" fire-rated rear reinforcement to eliminate diaphragmatic absorption in the product equal to GFRG performance.

Specifications: Class "A" Fire-rated 1/8" Thermoplastic construction  
Size: 23 5/8" x 23 5/8" x 4" deep. Designed for standard drop-ceiling grid systems  
Available in standard white as well as multiple colors and textures. Consult with your RealAcoustix Representative for more information.



Real  
Acoustix

RealPyramid  
Redirector



The RealPyramid presents a classic acoustic diffuser/redirector design utilized in hundreds of facilities throughout the world. Based on the golden pyramid equation the RealPyramid is constructed of Kydex Class "A" fire-rated plastic and available in both reinforced and non-reinforced models depending on low-frequency absorption requirements. The RealPyramid is a great solution for wave scattering in music rooms and other spaces where even distribution of reflected sound is desired. Call RealAcoustix today for more information!

Specifications: Drop-ceiling or direct-mount applications  
23 1/2" x 23 1/2" x 8" high Golden Pyramid design  
Construction of thermoformed Kydex Class "A" fire-rated plastic per ASTM-E84 standards. Reinforced back available for low-frequency absorption reduction.

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Website: [www.RealAcoustix.com](http://www.RealAcoustix.com) Email: [info@RealAcoustix.com](mailto:info@RealAcoustix.com)



# RealAcoustix RealGobo



Custom RealGobo Window

Easy Counterweight  
Fill Port

Custom low-profile  
heavy-duty wheel  
plate w/ 4" casters

The RealGobo is the answer to portable acoustic isolation, absorption and diffusion. The RealGobo incorporates the best and most stable gobo base available. Easy to roll with low leakage the RealGobo is also available with windows for artist to artist or artist to engineer sightlines. Standard size is 78" high x 42" wide x 6" deep. Available with RealAB panels on both sides or GuD and/or FlutterX diffusers on one side. Custom sizes available.



# Real Acoustix

# BassMod



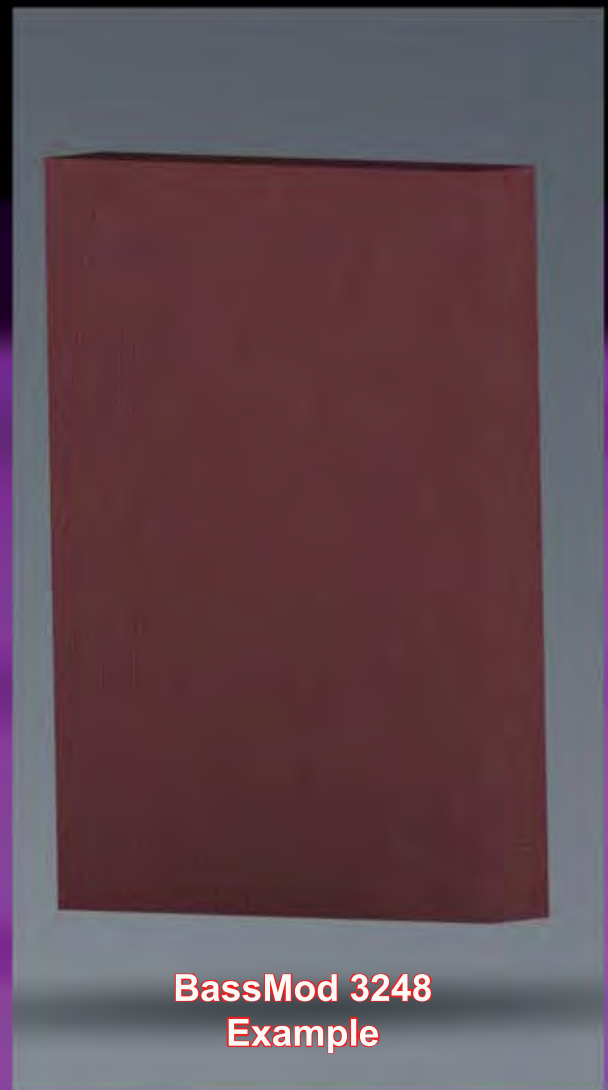
Chicago Symphony BassMod (Red panels)

The BassMod series of tuned bass traps offers the widest expanse of frequency specific bass absorbers in the world. Multiple models provide different frequency centers, different Q's and multiple sizes and types to fit your environment. Custom sizes and tunings are available from 40Hz to 125Hz as the center frequency. The BassBox and BassMod series provide the most accurate and efficient bass traps available anywhere in the world.

### BassMod Models:

- BassMod 4896: 48" x 96" with 4" to 8" depths
- BassMod 4848: 48" x 48" with 4" to 8" depths
- BassMod 3248: 32" x 48" with 4" to 8" depths
- BassMod Corner 24: 24" wide with 48" or greater height, 12" deep
- BassMod Corner 36: 36" wide with 48" or greater height, 18" deep

Custom sizes are available. Size of the unit may affect performance so please call to discuss your particular needs. All units are ASTM E84 Class A fire-rated and constructed of American Plywood and other fine materials. Diaphragms may vary based on model and other requirements.



BassMod 3248  
Example





Real  
Acoustix

# Fabric Absorption & STC Products



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**BassMod 4896  
with fabric finish**

The BassMod 4896 is the largest and most complex bass trap in the RA line. Designed primarily for bigger venues, the 4896 offers the highest NRC ratings in the industry at center frequency (1.1 avg.). Like the rest of the BassMod line, it also offers a wide choice of center frequencies to the user. Specific models of the 4896 also offer dual center frequency options for difficult rooms with multiple issues.

Please review our 4896 C423 test data to determine which model best suits your project.

**BassMod Model:**  
BassMod 4896: 48" x 96" with 4" to 8" depths

The depth and other factors affect the center frequency and Q so please review all data carefully. All units are ASTM E84 Class A fire-rated and constructed of American Plywood and other fine materials. Diaphragms may vary based on model and other requirements.

**Finishes:** Fabric cover: Standard  
Painted finish also available

**Center frequencies:** 100Hz, 80Hz, 60Hz  
40Hz.

**Custom Frequencies available**  
(extra charges apply)



# RealAcoustix

# RealAB

## Acoustic Absorption Panels



The RealAB panel absorber is an elegant solution for everyday acoustic problems. Used in many different room applications the RealAB solves issues of too much reverberation and echo, bringing better clarity to your room.

The RealAcoustix RealAB panel is available in over 100's of different styles and 100's of colors of fabrics. The RealAB panel meets all LEED and Greengard certifications.

**Specifications: RealAcoustix RealAB Panel**

Utilizes LEED certified fiberglass substrate  
All materials are Class "A" Fire-rated  
Square or chamfered edges available  
All edges are resin-hardened for durability  
Choice of fabrics from our Guilford of Maine line or other manufacturers available.  
Custom fabrication in any size, shape or style with a maximum size of 48" x 120" (4' x 10')  
1", 1 1/2", 2", 3" & 4" thicknesses available



Contact RealAcoustix or your representative for more information



# BassMod 4848



The BassMod 4848 is the the most popular bass trap in the RA line. Like the entire BassMod line, the BassMod 4848 offers the highest NRC ratings in the industry at center frequency (1.1 avg.). Like the rest of the BassMod line, it also offers a wide choice of center frequencies to the user.

The BassMod 4848 is designed to fit into most environments without sacrificing performance

Please review our 4848 C423 test data to determine which model best suits your project.

**BassMod Model:**  
BassMod 4848: 48" x 48" with 4" to 8" depths

The depth and other factors affect the center frequency and Q so please review all data carefully. All units are ASTM E84 Class A fire-rated and constructed of American Plywood and other fine materials. Diaphragms may vary based on model and other requirements.

**Finishes:** Fabric cover: Standard  
Painted finish also available

**Center frequencies:** 100Hz, 80Hz, 60Hz  
40Hz.

**Custom Frequencies available**  
(extra charges apply)






**RealAcoustix**

# S.A.P.

## Super Absorption Panels



The RealAcoustix S.A.P. absorber defines and dramatically improves the overall broadband performance of fabric-wrapped panels. Utilizing multi-layer technologies the Super Absorption Panel improves low frequency response by greater than 35% and balances out the absorptive performance for superior performance over multiple octaves

Tabor College, Hillsboro KS

**Specifications: RealAcoustix S.A.P. Panel**

Utilizes LEED certified fiberglass substrate  
All materials are Class "A" Fire-rated  
Square, chamfered or rounded edges available  
All edges are hardened using green materials for durability and odor-free, Class A ratings  
Choice of fabrics from all popular manufacturers  
Custom fabrication in any size, shape or style with a maximum size of 48" x 120" (4' x 10')  
2 1/8" and 4 1/8" thicknesses available

**Contact RealAcoustix or your representative for more information**

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**Real**  
**Acoustix**

# AngleAB

Acoustic Absorption Panels

The AngleAB panel absorber is an elegant solution for everyday acoustic problems. Used in many different room applications the RealAB solves issues of too much reverberation and echo, bringing better clarity to your room.

The RealAcoustix AngleAB panel is available in dozens of fabric styles and hundreds of colors. The AngleAB panel meets all LEED and Greengard certifications.

Specifications: RealAcoustix AngleAB Panel

Utilizes LEED certified fiberglass substrate  
All materials are Class "A" Fire-rated  
Square, chamfered or rounded edges available  
All edges are resin-hardened for durability  
Custom fabrication in any size, shape or style  
with a maximum size of 48" x 120" (4' x 10')  
1", 2", 3" & 4" thicknesses available  
Test data is the same as the RealAB product.

Contact RealAcoustix or your representative for more information

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**Real**  
**Acoustix**

# BassMod 3248



The BassMod 3248 is the latest edition bass trap in the RA line.

The BassMod 3248 is designed to fit into studios, listening rooms and other environments where space may be limited.

Like the entire BassMod line, the BassMod 4848 offers the highest NRC ratings in the industry at center frequency (1.1 avg.).

Like the rest of the BassMod line, it also offers a wide choice of center frequencies to the user.

Please review our 3248 C423 test data to determine which model best suits your project.

**BassMod Model:**

BassMod 3248: 32" x 48" with 4" to 8" depths

The depth and other factors affect the center frequency and Q so please review all data carefully. All units are ASTM E84 Class A fire-rated and constructed of American Plywood and other fine materials. Diaphragms may vary based on model and other requirements.

Finishes: Fabric cover: Standard  
Painted finish also available

Center frequencies: 100Hz, 80Hz, 60Hz  
40Hz.

Custom Frequencies available  
(extra charges apply)

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BassMod 3660



Available center frequencies:

BassMod Corner 3660 (63Hz)

BassMod Corner 2448 (100Hz)

Size: Model 3660: 36" W x 60" H x 18" D

Model 2448: 24" W x 48" H x 12" D

Wall mounted  
with Z-clip/Z-bar

BassMod 2448



The BassMod Corner series represents a the best in corner bass trap technology. Designed to address different frequencies the 3660 and 2448 models also solve LF problems typical to most rooms.

The BassMod Corner models fit neatly into the corners of a room resolving LF issues in the most significant areas

Contact RealAcoustix or your local RA representative for more information.



# RealAcoustix

# RealSTC

Acoustic Isolation Panels

The RealSTC isolation panel is a unique solution for reducing the problem of sound transfer between rooms, ceilings and floors without major reconstruction.

Designed to be installed in drop-ceiling grids the RealSTC panel provides an avg. 26dB overall STC with excellent low frequency performance down to 40Hz and greater than 30dB STC performance above 1.25KHz. The RealSTC panel also provides an interior NRC value of greater than .85, which helps to control interior noise as well.

## Specifications: RealAcoustix RealSTC Panel

Utilizes the ECOSE LEED certified substrate  
All materials are Class "A" Fire-rated  
Square edges  
Face: White perforated plastic (colors extra)  
(minimum custom color order 250 s.f.)  
Custom fabrication in any size, shape or style  
with standard drop-ceiling 2x2 and 2x4 models  
and a maximum size of 48" x 96" (4' x 8')  
2.195" thickness standard



Contact RealAcoustix or your representative for more information

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Real  
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# Fabric Absorption & STC Products




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**RealAcoustix**

# RealCloud

Acoustic Ceiling Panels



The RealCloud Panel system is an elegant solution for everyday acoustic problems. Used in many different room applications the RealCloud solves issues of too much reverberation and echo, bringing better clarity to your room.

The RealAcoustix RealCloud panels are available in 100's of different styles and 100's of colors of fabric.

The RealCloud panel meets all LEED and Greengard certifications.

Specifications: RealAcoustix RealCloud Panel

Utilizes the ECOSE LEED certified substrate  
All materials are Class "A" Fire-rated  
Square or chamfered edges available  
All edges are resin-hardened for durability  
Choice of fabrics from vast line  
Custom fabrication in any size, shape or style with a maximum size of 48" x 96" (4' x 8')  
1", 2", 3" & 4" thicknesses available



Overall NRC of 1.08 with open mounting (4" min.)

Available framed with wood or metal with numerous hanging options also available

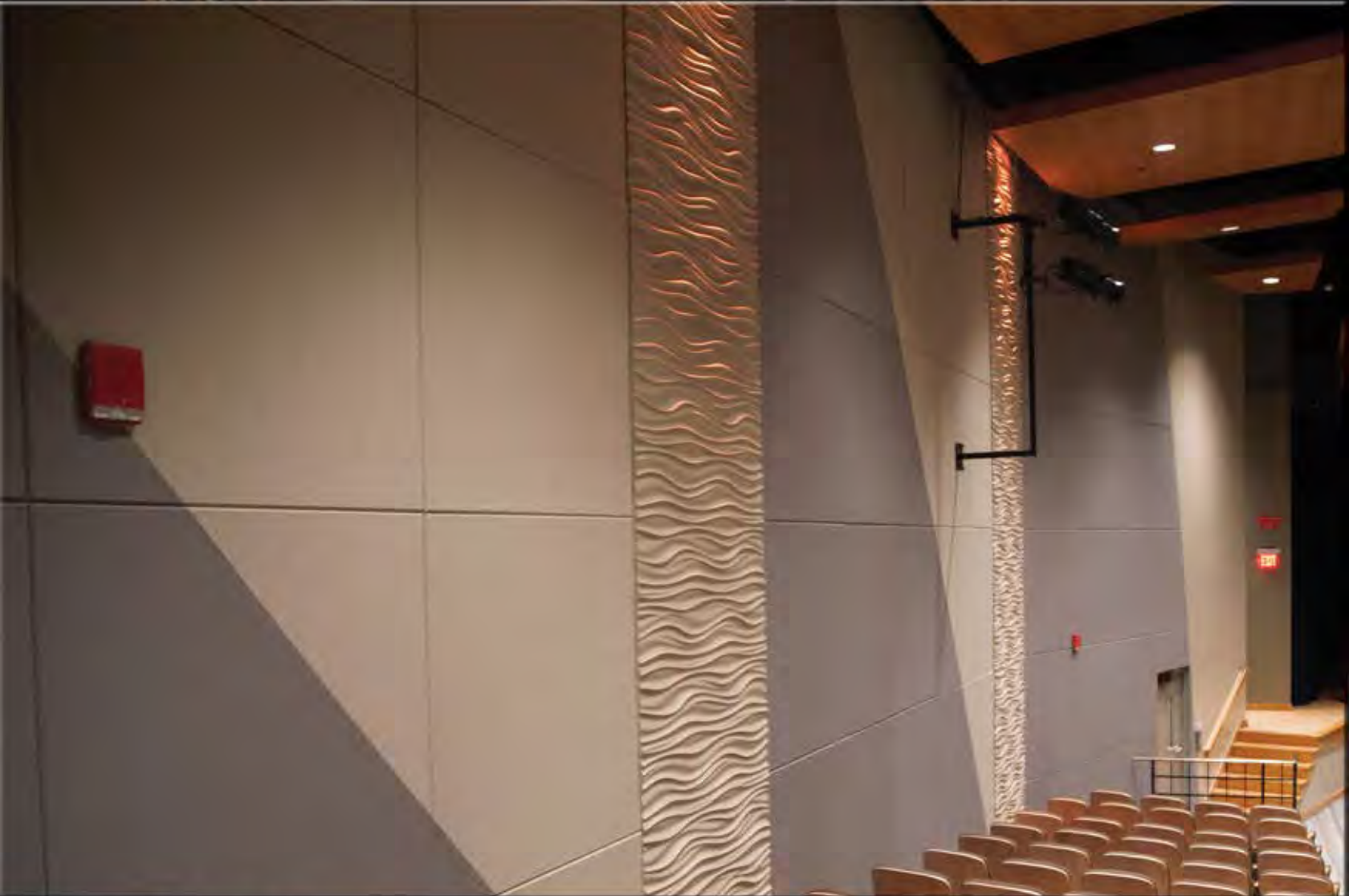
Contact RealAcoustix or your representative for more information

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Website: [www.RealAcoustix.com](http://www.RealAcoustix.com) Email: [Info@RealAcoustix.com](mailto:Info@RealAcoustix.com)



**Real**  
**Acoustix**

**FABREF**  
Reflective Fabric-covered Panels



## **FABREF Panels**

### **Specifications:**

**Models:** 2' x 2' up to 5' x 12' available

**Fabric choices** from the finest manufacturers in the world

**Mounting:** Typically Z-bar and Z-clip. Other methods available

**Materials:** Class "A" fire-rated MDF Core with Class "A" fabric cover

**Weight:** 2.5 Lbs. psf Edges, square, chamfered or radius

**Test Data:** N/A, Reflective only

in the world, look no further than  
RealAcoustix!



# RealAcoustix

# RealAB

## Acoustic Absorption Panels



The RealAB panel absorber is an elegant solution for everyday acoustic problems. Used in many different room applications the RealAB solves issues of too much reverberation and echo, bringing better clarity to your room.

The RealAcoustix RealAB panel is available in over 100's of different styles and 100's of colors of fabrics. The RealAB panel meets all LEED and Greengard certifications.

**Specifications: RealAcoustix RealAB Panel**

Utilizes LEED certified fiberglass substrate  
All materials are Class "A" Fire-rated  
Square or chamfered edges available  
All edges are resin-hardened for durability  
Choice of fabrics from our Guilford of Maine line or other manufacturers available.  
Custom fabrication in any size, shape or style with a maximum size of 48" x 120" (4' x 10')  
1", 1 1/2", 2", 3" & 4" thicknesses available



Contact RealAcoustix or your representative for more information



**Real  
Acoustix**

# RealHIP

High-Impact Resistant Panels



RealHIP with exposed plastic face  
State University of New York/Rochester

The RealHIP panel absorber is a broadband acoustic solution designed specifically for areas where the panels may be subject to impact. This would include sporting areas, classrooms & other high-traffic occupancies.

Patterned after our popular RealAB and RealHIR (impact-resistant) panel includes a 1/16" co-polymer face with or without a fabric layer that provides excellent protection for the panel while maintaining great absorption.

**Specifications: RealAcoustix RealHIP Panel**

Utilizes the 6LB. LEED certified substrate  
All materials are Class "A" Fire-rated  
Square edges  
All edges are hardened for durability

Custom fabrication in any size, shape or style  
with a maximum size of 48" x 120" (4' x 10')  
1 1/16" to 4 1/16" thicknesses available



**Contact RealAcoustix for more information**

RealAcoustix LLC 2361 B Avenue Ogden, UT 84401 (801) 782-1010  
Website: [www.RealAcoustix.com](http://www.RealAcoustix.com) Email: [Info@RealAcoustix.com](mailto:Info@RealAcoustix.com)






**RealAcoustix**

# S.A.P.

## Super Absorption Panels



The RealAcoustix S.A.P. absorber defines and dramatically improves the overall broadband performance of fabric-wrapped panels. Utilizing multi-layer technologies the Super Absorption Panel improves low frequency response by greater than 35% and balances out the absorptive performance for superior performance over multiple octaves

Tabor College, Hillsboro KS

Specifications: RealAcoustix S.A.P. Panel

- Utilizes LEED certified fiberglass substrate
- All materials are Class "A" Fire-rated
- Square, chamfered or rounded edges available
- All edges are hardened using green materials for durability and odor-free, Class A ratings
- Choice of fabrics from all popular manufacturers
- Custom fabrication in any size, shape or style with a maximum size of 48" x 120" (4' x 10')
- 2 1/8" and 4 1/8" thicknesses available

Contact RealAcoustix or your representative for more information

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**RealAcoustix**

# AngleAB

Acoustic Absorption Panels

The AngleAB panel absorber is an elegant solution for everyday acoustic problems. Used in many different room applications the RealAB solves issues of too much reverberation and echo, bringing better clarity to your room.

The RealAcoustix AngleAB panel is available in dozens of fabric styles and hundreds of colors. The AngleAB panel meets all LEED and Greengard certifications.

Specifications: RealAcoustix AngleAB Panel

Utilizes LEED certified fiberglass substrate  
All materials are Class "A" Fire-rated  
Square, chamfered or rounded edges available  
All edges are resin-hardened for durability  
Custom fabrication in any size, shape or style  
with a maximum size of 48" x 120" (4' x 10')  
1", 2", 3" & 4" thicknesses available  
Test data is the same as the RealAB product.

Contact RealAcoustix or your representative for more information

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# Real HIR

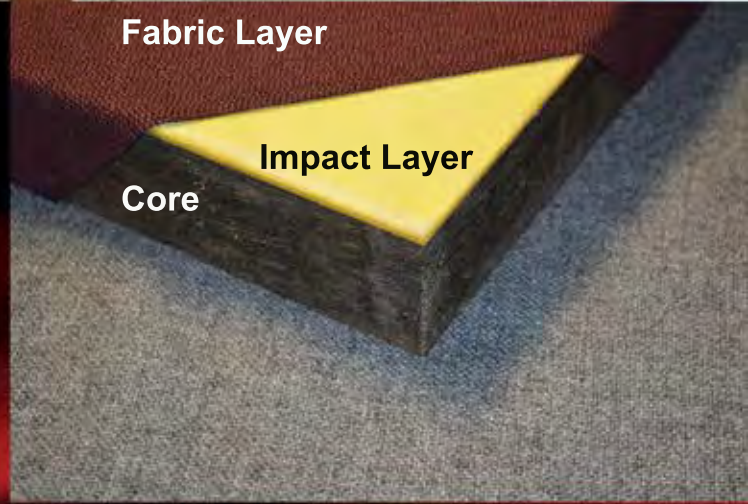
## Impact Resistant Panels

The Real HIR panel absorber is a broadband acoustic solution designed specifically for areas where the panels may be subject to impact. This would include sporting areas, classrooms & other high-traffic occupancies.

Patterned after our popular RealAB panel the RealAB HIR (impact-resistant) panel includes a 1/8" high-density fiberglass layer under the fabric layer that provides excellent protection for the panel while maintaining great absorption coefficients.

**Specifications: RealAcoustix RealHIR Panel**

- Utilizes the ECOSE LEED certified substrate
- All materials are Class "A" Fire-rated
- Square, chamfered or rounded edges available
- All edges are resin-hardened for durability
- Choice of fabrics from all popular manufacturers
- Custom fabrication in any size, shape or style with a maximum size of 48" x 120" (4' x 10')
- 1 1/8" and 2 1/8" thicknesses available



ASTM C-423 Test Data	1 1/8"	Freq.	125	250	500	1KHz	2.5KHz	4KHz	NRC
			.17	.55	1.08	1.21	1.18	1.02	1.01
	2 1/8"	Freq.	125	250	500	1KHz	2.5KHz	4KHz	NRC
			.47	.77	1.14	1.17	1.16	1.07	1.05

Contact your RealAcoustix Representative for more information





Real Acoustix

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to discuss  
your next project  
with



Real Acoustix



# RealAcoustix

# RealSTC

Acoustic Isolation Panels

The RealSTC isolation panel is a unique solution for reducing the problem of sound transfer between rooms, ceilings and floors without major reconstruction.

Designed to be installed in drop-ceiling grids the RealSTC panel provides an avg. 26dB overall STC with excellent low frequency performance down to 40Hz and greater than 30dB STC performance above 1.25KHz. The RealSTC panel also provides an interior NRC value of greater than .85, which helps to control interior noise as well.

## Specifications: RealAcoustix RealSTC Panel

Utilizes the ECOSE LEED certified substrate  
All materials are Class "A" Fire-rated  
Square edges  
Face: White perforated plastic (colors extra)  
(minimum custom color order 250 s.f.)  
Custom fabrication in any size, shape or style  
with standard drop-ceiling 2x2 and 2x4 models  
and a maximum size of 48" x 96" (4' x 8')  
2.195" thickness standard



Contact RealAcoustix or your representative for more information

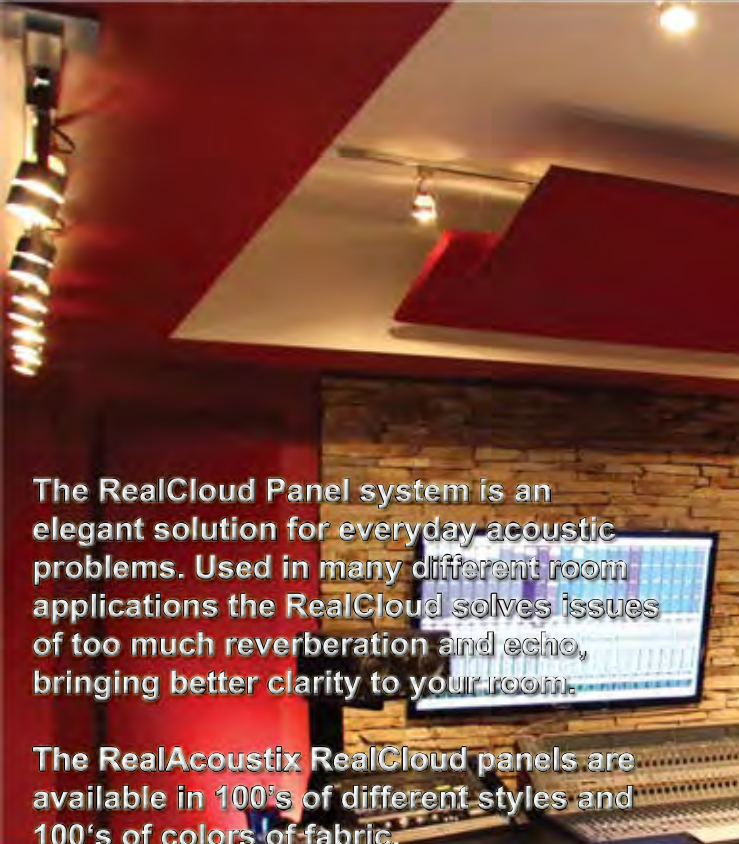
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**RealAcoustix**

# RealCloud

Acoustic Ceiling Panels



The RealCloud Panel system is an elegant solution for everyday acoustic problems. Used in many different room applications the RealCloud solves issues of too much reverberation and echo, bringing better clarity to your room.

The RealAcoustix RealCloud panels are available in 100's of different styles and 100's of colors of fabric. The RealCloud panel meets all LEED and Greengard certifications.

Specifications: RealAcoustix RealCloud Panel

Utilizes the ECOSE LEED certified substrate  
All materials are Class "A" Fire-rated  
Square or chamfered edges available  
All edges are resin-hardened for durability  
Choice of fabrics from vast line  
Custom fabrication in any size, shape or style with a maximum size of 48" x 96" (4' x 8')  
1", 2", 3" & 4" thicknesses available



Overall NRC of 1.08 with open mounting (4" min.)

Available framed with wood or metal with numerous hanging options also available

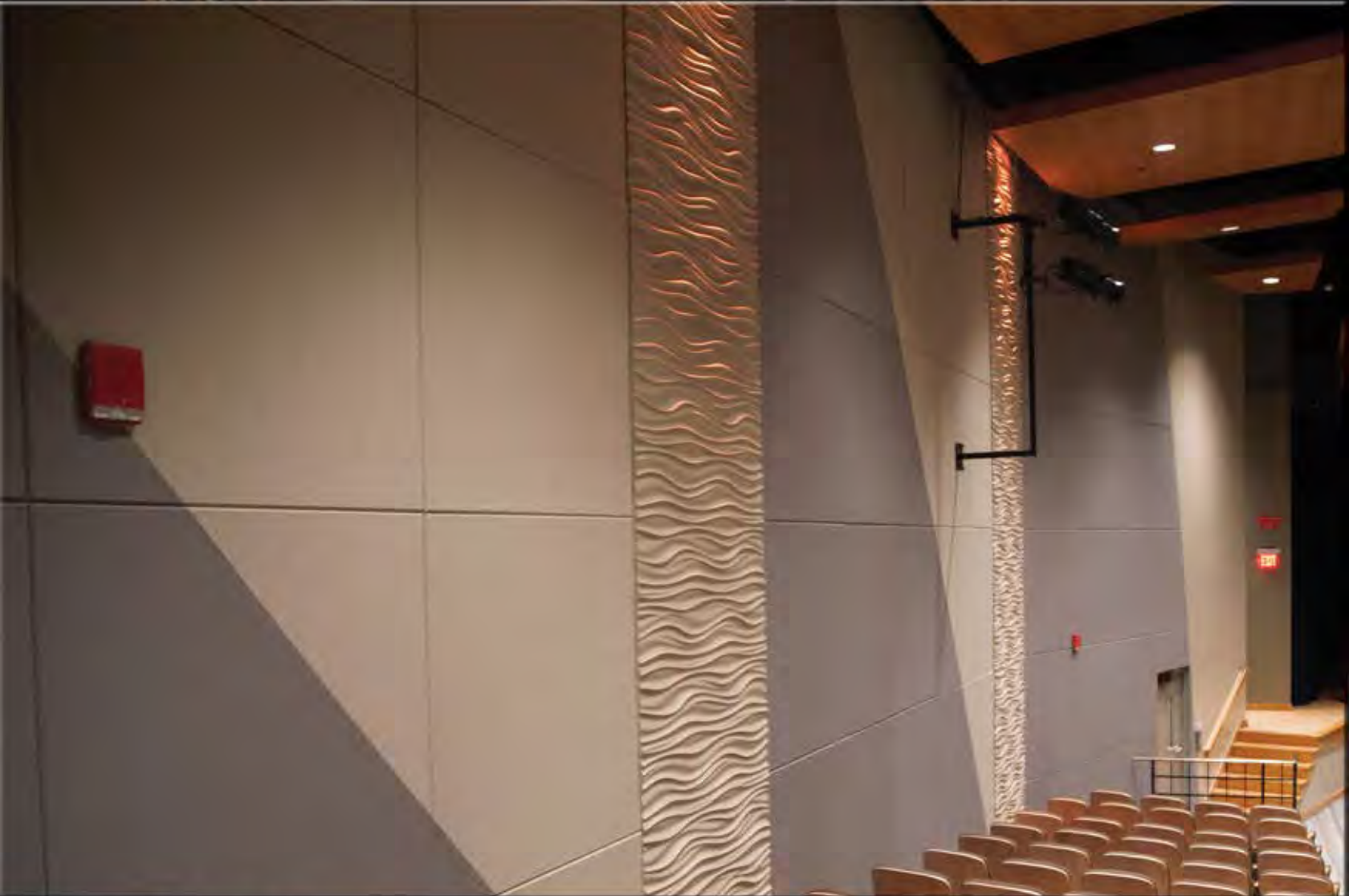
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**Real**  
**Acoustix**

**FABREF**  
Reflective Fabric-covered Panels



## FABREF Panels

### Specifications:

**Models:** 2' x 2' up to 5' x 12' available

**Fabric choices** from the finest manufacturers in the world

**Mounting:** Typically Z-bar and Z-clip. Other methods available

**Materials:** Class "A" fire-rated MDF Core with Class "A" fabric cover

**Weight:** 2.5 Lbs. psf Edges, square, chamfered or radius

**Test Data:** N/A, Reflective only

in the world, look no further than  
RealAcoustix!



**Real  
Acoustix**

# RealHIP

High-Impact Resistant Panels



RealHIP with exposed plastic face  
State University of New York/Rochester

The RealHIP panel absorber is a broadband acoustic solution designed specifically for areas where the panels may be subject to impact. This would include sporting areas, classrooms & other high-traffic occupancies.

Patterned after our popular RealAB and RealHIR (impact-resistant) panel includes a 1/16" co-polymer face with or without a fabric layer that provides excellent protection for the panel while maintaining great absorption.

**Specifications: RealAcoustix RealHIP Panel**

Utilizes the 6LB. LEED certified substrate  
All materials are Class "A" Fire-rated  
Square edges  
All edges are hardened for durability

Custom fabrication in any size, shape or style  
with a maximum size of 48" x 120" (4' x 10')  
1 1/16" to 4 1/16" thicknesses available



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# Real HIR

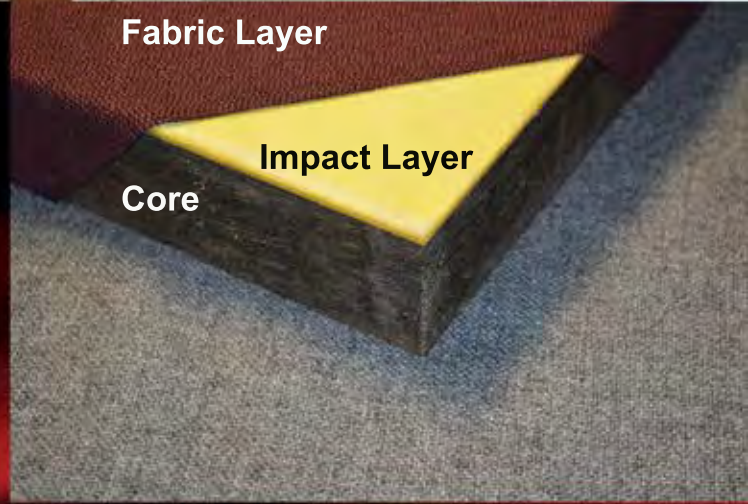
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The Real HIR panel absorber is a broadband acoustic solution designed specifically for areas where the panels may be subject to impact. This would include sporting areas, classrooms & other high-traffic occupancies.

Patterned after our popular RealAB panel the RealAB HIR (impact-resistant) panel includes a 1/8" high-density fiberglass layer under the fabric layer that provides excellent protection for the panel while maintaining great absorption coefficients.

**Specifications: RealAcoustix RealHIR Panel**

- Utilizes the ECOSE LEED certified substrate
- All materials are Class "A" Fire-rated
- Square, chamfered or rounded edges available
- All edges are resin-hardened for durability
- Choice of fabrics from all popular manufacturers
- Custom fabrication in any size, shape or style with a maximum size of 48" x 120" (4' x 10')
- 1 1/8" and 2 1/8" thicknesses available



ASTM C-423 Test Data	1 1/8"	Freq.	125	250	500	1KHz	2.5KHz	4KHz	NRC
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			.47	.77	1.14	1.17	1.16	1.07	1.05

Contact your RealAcoustix Representative for more information





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